Construction News

★Denotes work advertised in ENGINEERING NEWS.
✚Denotes contract awarded. The names of bidders awarded contracts are set in CAPITALS

RAILWAYS

New York—The Newtonfalls Paper Co. is having surveys made for the construction of a railway from Newtonfalls, N. Y., to its timber tract. James P. Brownell, Carthage, N. Y., is Engr.

South Carolina—Southern Ry.—This company plans to construct a storage yard at Charleston, S. C., in connection with the export coal terminals now being constructed. B. Herman, Washington, D. C., is Ch. Engr.

✚**Florida**—Palm Beach & Everglades Ry.—This company has awarded a contract to EVERETT P. MAULE, West Palm Beach, for the construction of the first 23 miles of the proposed line from Palm Beach to Lake Okeechobee. Noted Mar. 18.

Ohio—John C. Lake, Pres., Monitor Sad Iron Co., is interested in the construction of a railway from Custaloga to Bigprairie, Ohio.

Ohio—New York Central R.R.—This company has completed surveys for the construction of a cutoff from Doughton to Mosier, Ohio, about six miles. The estimated cost is $500,000. G. C. Cleveland, Cleveland, Ohio, is Ch. Engr.

South Dakota—According to press reports the construction of a railway to connect Waubay, Greenville, Effington, S. D., and Hankinson, N. D., is under consideration.

Texas—International & Great Northern Ry.—Plans are being made by this company for the expenditure of $1,000,000 for the improvement of its lines in Texas. O. H. Crittenden, Houston, Tex., is Ch. Engr.

Arizona—Tucson, Cornelia & Gila Bend R.R.—This company has been incorporated to construct a railway from Gila Bend to Tucson. The incorporators include L. D. Ricketts and J. C. Greenway, Warren, Ariz., and Walter Douglas, Bisbee, Ariz.

ELECTRIC RAILWAYS

Springfield, Mass.—Plans are under consideration by the Springfield St. Ry. Co. for extending its line on St. James Ave., Springfield, to East St., Chicopee. R. G. Tyler is Ch. Engr.

Syracuse, N. Y.—The New York State Rys. Co. has been granted a franchise to construct a single track line on Elm St. from Shuart to Burnet Ave. B. E. Tilton, Syracuse, is Gen. Mgr.

Franklin, Penn.—The Johnstown Traction Co. is making preliminary arrangements for the extension and improvement of its line in Franklin. G. N. Smith is Ch. Engr.

Gretna, La.—Edward L. Slattery and associates are interested in a plan to construct a two-mile street railway from the ferry landing in Gretna.

Rayville, La.—Charles Titche, Pres. Chamber of Commerce of Monroe, and associates contemplate constructing an electric railway from Rayville to Alto and Mangham.

Mayfield, Ky.—R. H. McNeely, Paducah, Ky., is interested in the construction of an electric railway from Mayfield, Ky., to Humboldt, Tenn.

Cleveland, Ohio—The Cleveland Ry. Co. will construct a three-mile extension to its West 25th St. line on State Rd. Estimated cost, $24,000. Charles H. Stanley is Pur. Agt.

Chicago, Ill.—Plans are being prepared by the Chicago Rys. Co. for extending its Chicago Ave. line from North Clark St. to the lake front. Frank L. Hupp is Secy.

Racine, Wis.—The Milwaukee Electric Ry. & Light Co. is considering plans for the extension of its line on Asylum Ave. in Racine. F. V. Bentz is Pur. Agt.

St. Paul, Minn.—The St. Paul City Ry. Co. is considering plans for the extension of its lines on the west side of the city to connect with the Seventh St. and Hill St. lines at Seven Corners via the High Bridge; also a car line in Main Ave. from Seven Corners to Tenth St. and on Rice St. from Rondo to University St. W. Whiteford is Pur. Agt.

Cedar Rapids, Iowa—The Iowa Ry. & Light Co. contemplates the construction of an additional track on Fourth Ave. from Second to Third St. William G. Dows is Gen. Mgr.

Clinton, Iowa—Plans are being considered by the Clinton St. Ry. Co. for the extension of its lines to South Clinton. B. Bohnson is Supt. and Pur. Agt.

Kansas City, Mo.—The Metropolitan St. Ry. Co. has applied to the City Council for a franchise to extend its 13th St. line in Kansas City.

Wichita, Kan.—Plans are being prepared by the Wichita R.R. & Light Co. for the extension of its lines to McLean Park. D. I. Hayworth, Wichita, is Ch. Engr.

Sheridan, Wyo.—Plans are being prepared by the Sheridan Ry. Co. for the construction of a one-mile extension to its line. C. F. Smith is Supt.

Cove, Ark.—J. P. Harpending and associates contemplate constructing an electric railway from the Narrows, Okla. to Cove, Ark.

✚**Provo, Utah**—The Salt Lake & Utah R.R. Co. has awarded the contract to WILLIAM SMITH, Salt Lake City, for the construction of an electric railway from Provo to Springville, about six miles. Noted Jan. 15 and Apr. 29.

Mill Valley, Calif.—The Marin County Electric Ry. Co. will build an electric road up Cascade Cañon. At present one mile of the road will be constructed, $20,000 having been raised for this purpose.

Toronto, Ont.—A committee of residents of West Toronto has petitioned the City Council to construct a municipal car line on Pacific and Annette St., West Toronto, to connect with the Bloor St. line.

LIGHT, HEAT AND POWER

Lynn, Mass.—It is reported that contracts will be awarded about June 20 by H. L. Gilman and W. A. Armes, Archs., 8 Congress St., Boston, for the construction of a group of buildings for the Lynn Mill Corporation, including a power plant estimated to cost about $100,000.

New York, N. Y.—(Borough of Manhattan)—Bids will be received until June 1 by C. B. J. Snyder, Supt. of School Bldgs., Park Ave. and 59th St., New York, for additions, alterations and repairs to the electrical equipment in Public Schools 25, 31, 44, 62, 177 and 188, Borough of Manhattan.

St. Clair, Penn.—The Borough Council is considering plans for improving the municipal electric-light plant. J. J. Hughes is Supt. of the plant.

Cumberland, Md.—The City Council is considering improvements and additions to the municipal electric-light plant to cost about $15,000. The plans include the installation of a high-speed steam turbine, directly connected, and replacing the present street-lamps with new ones. W. M. Roberts, Jr., is Gen. Mgr. of the municipal plant.

Waynesville, N. C.—At an election held May 4, the citizens voted in favor of issuing $25,000 in bonds to be used for the installation of a municipal electric-light and power plant. Noted Apr. 22.

★**New Orleans, La.**—(Official)—Bids will be received by the Board of Commissioners, Port of New Orleans, New Orleans Court Bldg., until 8 p.m., June 9, for furnishing and installing three horizontal return tubular boilers in the cotton warehouses and terminal on the east bank of the Mississippi River, between Valence and Somat St. Ernest M. Loeb is Pres. Bd. of Comrs.

Gleason, Tenn.—The citizens have voted to issue $10,000 in bonds for the purpose of constructing a municipal electric-light plant.

Chagrin Falls, Ohio—(Official)—Bids will be received until noon, June 7, by the Board of Trustees of Public Affairs for one horizontal, duplex, direct-acting, non-condensing pumping engine, and one return tubular, brick-set boiler, 54 in. in diameter and 14 ft. long. L. G. Bradley is Clk. of Bd.

Oberlin, Ohio—It is reported that the City Council is considering the installation of a municipal electric-light plant and water-works system.

Shelby, Ohio—The City Council and the Board of Public Affairs have decided to install a municipal electric-light and power plant to cost about $40,000.

Zanesville, Ohio—C. C. Outland, Zanesville, and E. Huntzinger, Piqua, Ohio, are organizing a stock company for the purpose of establishing an electric-light plant at Zanesville.

Holland, Mich.—The lowest bid submitted to the City Council for the construction of a municipal electric-light plant and power station was that of J. H. Sullivan, Grand Rapids, at $14,300. Noted Mar. 11.

Oshkosh, Wis.—The three lowest bids for the installation of heating and ventilating equipment in the new high school building were as follows: General Heating & Ventilating Co., Milwaukee, $20,437, heat regulator, $2070 additional; Downey Heating & Supply Co., Milwaukee, $20,780 and $2170; B. W. Dukerschein Co., Oshkosh, $21,080 and $2220.

Alta Vista, Iowa—(Official)—Bids will be received until June 7 by the Town of Alta Vista for the construction of an electric transmission line and distribution system. F. Rabe is Town Clk.

Charter Oak, Iowa—Bonds have been sold, and plans are being prepared for the installation of a municipal electric-light plant in Charter Oak.

Wilton Junction, Iowa—The City Council has rejected the offer made by the Davenport & Muscatine Ry. Co., Davenport, for the construction of a transmission line to Wilton Junction. The municipal plant will be rebuilt. George Bannock is Mayor.

Muscotah, Kan.—Preliminary plans are being prepared for the establishment of a municipal electric-light plant in Muscotah.

✚**Wellington, Kan.**—The contracts for the construction of a central power station, cooling pond with Louvre fence, substation, 250,000-gal. reinforced-concrete reservoir, etc., have been awarded to J. H. MITCHELL & SON, Wellington, at $21,992. The contract for a 125-ft. reinforced-concrete chimney with fire-brick lining was awarded to the GENERAL CONCRETE CONSTRUCTION CO., Chicago, Ill., at $1570.

Cody, Wyo.—It is reported that the City Council has engaged the Billings Engineering Co., Billings, Mont., to prepare plans for the installation of a municipal electric-light plant and water-works system. B. W. Bennett is City Clk.

Benton, Ark.—See item under "Water Supply-Irrigation."

✚**San Antonio, Tex.**—The Commissioners Court of Bexar County has awarded the contract for the installation of a steam-driven power, pumping and electric plant in the Bexar County Home for the Aged and the Juvenile Home, to the SAN ANTONIO MACHINE & SUPPLY CO.

Burley, Idaho—(Official)—Bids will be received until June 3 by Wilson & Cutting, Engr., 325 Electric Bldg., Butte, Mont., for the installation of an electric-heating system (indirect with fan) in the High School at Burley. The building contains 40 rooms.

Miami, Ariz.—See item under "Sewers."

Ellensburg, Wash.—Bids were received by the City Council May 14 for the construction of a power plant, including building, turbine equipment and remodeling of the present plant as follows: Kraner Co., Portland, Ore., $55,479; Spokane Engineering Co., Spokane, $42,217 (not including turbine); Hunt, Mirk & Co., Spokane, $58,577, alternate, $59,987; Charles G. Moore & Co., Seattle, $72,745; Butler Construction Co., Seattle, $54,185 (not including turbine); P. E. McHugh, Tacoma, $62,998. Reuben Crimp is City Clk. Noted Feb. 25, Apr. 1 and 29, May 13.

Republic, Wash.—The West Virginia Mining Co., operating the Lone Surprise mine, near Republic, will install a 200-hp. compressor, a new Diesel engine and an electric hoist.

Blenheim, Ont.—The rate-payers have voted in favor of a bylaw providing for the construction of a hydro-electric system estimated to cost about $14,000. P. S. Shillington is Town Clk. Noted Apr. 22.

Chatsworth, Ont.—A site has been purchased and plans will be prepared at once for a new hydro-electric transmission station. W. G. Reilly will be in charge of the work.

Calgary, Alta.—It is reported that the Alberta Hydro-Electric Power Co. is considering the construction of a series of six dams and power houses to cost about $2,000,000. A. W. Ellson Fawkes, 518 Burns Bldg., Calgary, is Consult. Engr.

BRIDGES

Enosburg Falls, Vt.—(Official)—Bids will be received until 2 p.m., June 4, by the Board of Selectmen for the construction of a 110-ft. reinforced-concrete bridge across the Missisquoi River at Enosburg Falls. The estimated cost is $9000. F. W. Spicer is Chn. Bd. of Selectmen. M. L. Sanders, White River Junction, Vt., is Engr. Noted Apr. 1.

✚Lawrence, Mass.—(Official)—The Board of Commissioners of Essex County has awarded the contract for the construction of a bridge over the Shawsheen River at Merrimac St. to W. N. PIKE, Lawrence, at $21,621. List of bidders noted May 20.

Pittsfield, Mass.—It is reported that the Finance Committee of the City Council has recommended an appropriation of $18,000 for the construction of a bridge over the Housatonic River in the Lakewood section. A. B. Farnham is City Engr.

Waterbury, Conn.—Bids will be received until 8 p.m., June 1, by the Board of Public Works, Lilley Bldg., for the construction of a reinforced-concrete arch across the Naugatuck River at Bank St. It will be 54 ft. wide with three spans, one of 60 ft. and two of 50 ft. each. The estimated cost is $80,000. Bids will be received at the same time for removing the present steel truss bridge at Bank St., and re-erecting it across the Naugatuck River at Freight St. Robert A. Cairns is City Engr. Noted Jan. 21 and Apr. 8.

Westport, Conn.—Plans are being prepared by J. F. Vincent, of the Strauss Bascule Bridge Co., 30 Church St., New York, N. Y., for a new bridge at Westport. It will be 300 ft. long and 40 ft. wide. F. M. Salmon is Chn. of the Com.-in-Charge.

✚Warsaw, N. Y.—Contracts for the construction of four bridges on the line of the new Wyoming-Pearl Creek State Rd. have been awarded to the WARSAW CONSTRUCTION CO. The largest bridge will be over Oatka Creek in the Town of Covington, and will cost $6000. It will be of reinforced concrete, 106 ft. long.

New Providence, N. J.—Plans are being prepared for a new bridge over the Passaic River between New Providence and Passaic Townships. The estimated cost is $10,000. It will replace the Townley Bridge which has been condemned by the engineers of Union and Morris Counties. Jacob L. Bauer, Elizabeth, is Engr. of Union County.

✚Sea Isle City, N. J.—(Official)—The Board of Chosen Freeholders of Cape May County has awarded the contract for the construction of a Strauss type double-lift bridge to the BRIDGETON CONSTRUCTION CO., Bridgeton, at $27,480. Noted Apr. 22 and May 13.

Trenton, N. J.—The Board of Chosen Freeholders of Mercer County has instructed the County Engineer to prepare plans for a new steel bridge over Doctor's Creek, Hamilton Township. Theodore Tobish is County Engr.

✚Charleroi, Penn.—(Official)—The Mercantile Bridge Co. has awarded a contract to the UNITED STATES WOOD PRESERVING CO., 165 Broadway, New York, at $15,000, for lumber and blocks for reflooring the Monessen-Charleroi Bridge. William H. Stamm, Charleroi, is Ch. Engr. Noted May 20.

Harrisburg, Penn.—Bids will be received until June 4 by the County Controller of Dauphin County for the construction of a concrete bridge over Wiconsico Creek at Lykens, and for a steel truss bridge over Armstrong Creek five miles above Halifax.

Pittsburgh, Penn.—It is reported that the City Council is considering ordinances authorizing the rebuilding and remodeling of the Greenfield Ave. Bridge at an estimated cost of $11,000, and the Herron Ave. Bridge at a cost of about $42,000. Robert Swan is City Engr.

Keller, Va.—(Official)—Bids will be received until noon, June 3, by S. W. Ames, care of bank, Keller, for the construction of a wooden beam bridge over Occohannock Creek in Accomac County. It will be about 612 ft. long with a 16-ft. roadway. G. P. Coleman, Richmond, is State Highway Comr.

Woodstock, Va.—(Official)—Bids will be received until noon, June 7, by the Clerk of the Circuit Court of Shenandoah County, for the construction of a 300-ft. bridge over the North Fork of the Shenandoah River between Warren and Shenandoah Counties.

✚Louisville, Ky.—The Jefferson County Fiscal Court has awarded the contract for the construction of a reinforced concrete bridge over Floyd's Fork to the HOKE CO., Louisville, at $15,222.

Bucyrus, Ohio—(Official)—Bids will be received until noon, June 12, by the Board of Commissioners of Crawford County for the construction of three county bridges; The Parchen Bridge over the Sandusky River in Dallas Township; the McCurdy Bridge over the Sandusky River in Liberty Township; an extension to the Mary St. Bridge over the Sandusky River in the City of Bucyrus. H. A. Biebighauser is County Audr.

Cincinnati, Ohio—(Official)—Bids will be received until noon, June 7, by Philip Fosdick, Dir. of Pub. Ser., for the reconstruction and repair of bridges in Mt. Washington. Parke S. Johnson is Secy. Dept. of Pub. Ser.

✚Cleveland, Ohio—(Official)—The contract for painting various city bridges has been awarded to the LAMBROU STRUCTURAL STEEL PAINTING CO., Williamson Bldg., Cleveland. Noted May 13.

✚Fremont, Ohio—The Board of Commissioners of Sandusky County has awarded the contract for the construction of the Tindall Bridge over the Sandusky River in Ballville Township to the CROGHAN CONSTRUCTION CO., P. O. Box 178, Fremont, at $14,690. The bridge will consist of two 166-ft. steel riveted truss spans on concrete substructure. Noted Aug. 27, Oct. 1 and Dec. 10, 1914; Feb. 25 and Apr. 8, 1915.

Hamilton, Ohio—Bids will be received until June 9 by W. W. Crawford, Audr. of Butler County, for the construction of a reinforced-concrete bridge across Gregory's Creek at Hughes Station, Liberty Township.

Lebanon, Ohio—The Board of Commissioners of Warren County has passed resolutions for the construction of a low truss steel bridge over the North Branch of Turtle Creek at Main St., and a concrete substructure of a steel bridge over the same stream at West St., Lebanon. The estimated cost of the structures is $4311 and $5251 respectively. John M. Mulford is County Audr.

✚Logan, Ohio—(Official)—The Board of Commissioners of Hocking County has awarded the contract for the superstructure of a bridge over Rush Creek in Marion Township to the CHAMPION BRIDGE CO., Wilmington, Ohio. Noted May 6.

✚Youngstown, Ohio—The Youngstown Sheet & Tube Co. has awarded a contract to the McCLINTIC-MARSHALL CO., Pittsburgh, Penn., for the construction of a single-track broad gage steel railway trestle across the Mahoning River from the bessemer plant to the site of the proposed byproduct coke ovens.

Zanesville, Ohio—(Official)—Bids will be received until 11 a.m., June 7, by the Board of Commissioners of Muskingum County for the construction of the steel superstructure of a bridge over the canal towpath between Trinway and Adams Mills in Cass Township. Fred C. Werner is Clk. of County Comrs.

✚Converse, Ind.—(Official)—The Board of Commissioners of Miami County, Peru, has awarded the contract for the construction of a bridge at Converse to the ROCHESTER BRIDGE CO., Rochester, Ind., at $5535. Noted Apr. 15.

✚East Chicago, Ind.—(Official)—The Board of Commissioners of Lake County, Crown Point, has awarded the contract for the construction of a Strauss type trunnion bascule bridge over the canal at 155th St., East Chicago, to the PHEE CONSTRUCTION & ENGINEERING CO., 122 South Michigan Ave., Chicago, Ill., at $59,000. Noted Apr. 29.

✚Carthage, Ill.—(Official)—The Highway Commission of Hancock County has awarded the contract for a steel bridge on concrete abutments between Lima Township, Adams County, and Walker Township, Hancock County, to J. K. McCOLIN, Lewistown, Mo., at $4995. Other bidders were: Decatur Bridge Co., Decatur, $6718; East St. Louis Bridge Co., East St. Louis, $5278; Central States Bridge Co., Indianapolis, Ind., $5624; Illinois Steel Bridge Co., Jacksonville, $6600; E. A. Weaver & Son, Clayton, $6700; Michelman Steel Co., Quincy, $6650. Noted May 13.

Manitowoc, Wis.—Press reports state the Board of Commissioners of Manitowoc County will spend more than $30,000 for bridge construction during the summer.

✚Clarion, Iowa—(Official)—The Board of Supervisors of Wright County has awarded the contract for the construction of eight county bridges to the DOBSON CONSTRUCTION CO., Nora Springs, at $8921. Other bidders were: Iowa Bridge Co., Des Moines, $13,561; Pickens Engineering & Construction Co., Sioux City, $14,400; Koss Construction Co., Des Moines, $13,490. Noted May 13.

✚Council Bluffs, Iowa—The City Council has awarded the contract for the construction of a concrete arch across Indian Creek on East Broadway near the city limits to E. A. WICKHAM, Council Bluffs, at $5785. Noted May 6.

Montezuma, Iowa—(Official)—Bids will be received until 1:30 p.m., June 7, by W. C. McKee, Audr. of Poweshiek County, for the construction of nine steel bridges, one concrete slab and 15 reinforced-concrete culverts. C. E. Olson, Montezuma, is County Engr.

Great Bend, Kan.—(Official)—Bids will be received until noon, June 9, by the Board of Commissioners of Barton County for the construction of four county bridges: Mecklen Bridge in Buffalo Township; Henry Zimmer Bridge and Kruckenberg Bridge, both in Clarence Township, and the Underwood Bridge in Homestead Township. C. F. Younkin is County Clk.

Junction City, Kan.—The Commissioners of Geary County have ordered the construction of four new reinforced-concrete bridges, two over Dry Creek, and one each over Lyon's and McDowell Creeks.

Kansas City, Kan.—The Board of Commissioners of Wyandotte County has approved plans for the Central Ave. Bridge across the Kaw River. The structure will be of reinforced concrete, and will carry double street car tracks, a roadway and sidewalks. The estimated cost is $500,000, of which the Metropolitan St. Ry. Co. will pay a part. R. L. McAlpine is County Engr.

✚Manhattan, Kan.—(Official)—The Board of Commissioners of Riley County has awarded contracts to J. A. JOHNSON, Junction City, for three bridges, and to WHITEACRE, MOORE & WIAND, Manhattan, for three bridges. The total cost is $4387. Noted Apr. 29.

Ponca, Neb.—Bids will be received until 2 p.m., June 11, by A. N. Porter, Clk. of Dixon County, for the construction and repair of county bridges for a period of one year.

✚Jasper, Ark.—The Commissioners of Newton County have awarded the contract for a steel bridge across the Big Buffalo River to M. K. ORR, Harrison, at $24,000.

Galveston, Tex.—It is reported that the Gulf, Colorado & Santa Fé Ry. has decided to spend about $55,000 for new bridges, trestles and culverts. F. Merritt, Galveston, is Ch. Engr.

Eufaula, Okla.—It is reported that the Missouri, Kansas & Texas Ry. Co. has authorized the construction of a 1000-ft. bridge over the South Canadian River near Eufaula. The estimated cost of the bridge, with some other improvements, is $500,000. L. F. Lonnbladh, Dallas, Tex., is Ch. Engr.

Bellingham, Wash.—Bids will be received until May 29 by the Board of Commissioners of Whatcom County for the construction of a steel bridge across Deer Creek on the Northwest Diagonal Rd. The estimated cost is $11,000. C. M. Adams is County Engr. W. D. Wallace is County Clk.

Seattle, Wash.—Bids will be received until 10 a.m., June 8, by Byron Phelps, Clk. Bd. of Comrs. of King County, for the construction of the Landsburg Bridge. It will be of steel, 90 ft. long, with concrete piers. The estimated cost is $10,000.

Stevenson, Wash.—Bids will be received until June 8 by Charles H. Nellor, Audr. of Skamania County, for the construction of a concrete bridge over Nelson Creek on the Ivatot Rd. H. Bueche is County Engr.

Tacoma, Wash.—The City Council has instructed the City Engineer to prepare plans for a 650-ft. wooden bridge across the gulch at East 34th St. The estimated cost is $14,000. W. C. Raleigh is City Engr.

Burlingame, Calif.—The City Trustees have decided to replace 10 wooden bridges over the creeks and ravines of the Easton section of the city with reinforced-concrete structures of the ornamental type. Eric Wold is City Engr.

Berlin, Ont.—(Official)—Bids are being received by Bowman & Connor, Civil Engr., Berlin, for the construction of two concrete bridges in Waterloo Township.

Woburn, Ont.—The Township Council of Scarboro Township has approved plans for a concrete bridge over the Rouge River at Woburn. The estimated cost is $22,000. F. Barber, 57 Adelaide St. E., Toronto, is Engr.

York, Ont.—(Official)—Bids will be received until noon, June 7, by Frank Barber, 57 Adelaide, St. E., Toronto, for the construction of a reinforced-concrete beam bridge on Lansing Sideroad, about one mile west of Yonge St., Township of York.

WATER SUPPLY—IRRIGATION

Lawrence, Mass.—The Municipal Council has authorized the appointment by Mayor John P. Kane of a commission of three to secure a new water supply.

✚Newton, Mass.—The contract has been awarded by the Metropolitan Water and Sewerage Board to CHARLES A. KELLY, Somerville, at $27,177, for laying c.-i. water pipe. Noted May 20 under Boston.

Salem, Mass.—(Official)—Bids were received May 17 for constructing a reinforced-concrete reservoir as follows: A. G. Tomasello, Dorchester, $68,455; Sessler-Weaver Co., $72,978; Middlesex Contracting Co., $78,290; David J. Sheehan Co., $86,590; W. M. Bailey Co., $87,173; Stuart & Sons Co., $88,387; C. M. Leach, $91,370; Bruno & Petitti, $91,890; Fred T. Ley, $97,596 (informal); W. T. Ryan Contracting Co., $98,190; Davis & Brock, $102,870. Noted May 13.

✚Salem, Mass.—The contract for furnishing 26,000 ft. of 30-in. c.-i. pipe has been awarded to WARREN PIPE & FOUNDRY CO. at $23.50 per ton. Hazen & Whipple, New York, N. Y., is Engr.

Hartford, Conn.—Bids for the new gravel road north of the Nepaug reservoir in the town of New Hartford, known as Contract 8, were received by the Board of Water Commissioners, C. M. Saville, Ch. Engr., May 17, as follows: Middlesex Contracting Co., North Adams, Mass., $26,917; Perini Construction Co., Ashland, Mass., $28,397; Piersen Engineering & Construction Co., Hartford, $31,855; Louis Longhi & Bro., Torrington, $31,894; John Arborio, 172 Congress Ave., New Haven, $31,970; Leonardo Suzio, Meriden, $32,048; Amos D. Bridge's Sons, Inc., Hazardville, $32,611; Connecticut Good Roads & Construction Co., New Britain, $32,686; John de Michiel & Bro., Torrington, $34,780; O'Brien Construction Co., Madison Ave., New York, N. Y., $37,620; Coleman Bros., Boston, Mass., $39,102; A. D. Ambrosia & Co., Hartford, $40,061; Edward Balf Co., Hartford, $42,164; D. O'Connell's Sons, Holyoke, Mass., $42,630; Fred T. Ley Co., Inc., Springfield, Mass., $44,260 and Alco Contracting Co., Boston, Mass., $46, 320. Noted Apr. 29.

Madrid, N. Y.—Bids will be received until May 31 by E. E. Griffith, Secy., Bd. of Water Comrs., for the construction of a water system. Noted Feb. 25 and Mar. 25.

Manchester, N. Y.—The citizens, at a recent election, voted in favor of constructing a water system. Charles C. Hopkins, Cutler Bldg., Rochester, is Engr. Noted Sept. 17 and Oct. 15.

New York, N. Y.—(Borough of Manhattan)—(Official)—Bids were received May 20 by William Williams, Comr. of Water Supply, Gas and Electricity for laying water mains in East 63rd, 79th and East 82nd St. and in Third Ave., as follows: Beaver Engineering & Contracting Co., $46,925; Soraci Contracting Co., $44,857; Brady Oltarsh Construction Co., $51,121; Melrose Construction Co., $48,489; Rogers & McManus, $42,651; Joseph J. B. LaMarsch, $54,535; James W. Maloney, $48,805; F. N. Lewis, $49,896; Lawrence Contracting Co., $49,444; Hanover Contracting Co., $49,786; Louis D. Gregory, $44,080; Knight & DiMicco, $44,711. Noted May 13.

✚Schenectady, N. Y.—The contract has been awarded by the Board of Contract and Supply to BROWN & LOWE, Schenectady, at $6352, for alterations at the Rotterdam pumping station.

Atlantic City, N. J.—(Official)—No bids were received May 19 by the Director of Revenue and Finance for the purchase of $125,000 in bonds. The proceeds was to have been used for the extension of the water system. B. I. Townsend is Controller. Noted May 13.

Harrison, N. J.—Bids will be received until 2 p.m., June 1, by the Hudson County Park Commissioners, 1 Exchange Pl., Jersey City, for the completion of a filtration plant at West Hudson Park, Harrison, and for a pumping station at the West Hudson Park.

Irvington, N. J.—According to press reports Alexander Potter, 50 Church St., New York, N. Y., will discontinue his investigation of the plant of the Clinton Water Co. Noted May 13.

Harrisburg, Penn.—The Thompson bill, appropriating $1,500,000 for the water supply, has been passed by the Senate. About $300,000 a year will be expended, beginning June 1, 1917. The work includes the construction of a dam in Crawford County and the construction of a reservoir. Noted Oct. 15, 1914.

★Lock Haven, Penn.—(Official)—Bids will be received until 1 p.m., June 14, by Allen Sterner, Supt. of Parks and Pub. Property, for constructing a portion of storage dam No. 1 on McElhattan Run, Wayne Township.

Mifflinburg, Penn.—(Official)—An election will be held June 22 to vote on the question of issuing bonds, the proceeds of which will be used for the construction of a 5,000,000-gal. reinforced-concrete reservoir. Alexander Potter, 50 Church St., New York, N. Y., is Engr. Noted May 20.

Timberville, Va.—The Timberville Water Co. has been incorporated by C. J. Smucker, Pres., and others, with $25,000 capital, according to press reports, and will construct a water system.

Shepherdstown, W. Va.—(Official)—Bids will be received until June 10 by A. G. Alder, Engr., Shepherdstown Light & Power Co., for constructing a water system. The estimated cost is $17,000. Noted Jan. 28 and Mar. 18.

Wheeling, W. Va.—(Official)—The citizens, at a recent election, defeated the bond issue for $640,000, the proceeds of which was to have been used for the installation of a Smith slow sand filtration plant. D. G. Brown is Clk. Noted Mar. 25 and Apr. 29.

Hertford, N. C.—Bids will be received until June 8 by W. C. Winslow, Clk., Bd. Town Comrs., for the purchase of $17,000 in bonds, the proceeds of which will be used for the construction of a water system.

✚Alma, Ga.—The contract has been awarded by the city to B. F. ROBERTS, Macon, at $10,660, for constructing a water system, material furnished by the city. Noted Mar. 18.

Dawson, Ga.—An election will be held June 15 to vote on the question of issuing $20,000 in bonds, the proceeds of which will be used for the extension of the water system and for equipping the fire department.

East Lake, Ga.—(Atlanta post office)—Bonds have been voted by the citizens, the proceeds of which will be used for the construction of a water system. Noted Sept. 17, 1914 and Apr. 8, 1915.

✚Plant City, Fla.—(Official)—Contracts have been awarded to C. M. BOLAND, Bartow, for drilling a well, and to the AMERICAN CAST IRON PIPE CO., Birmingham, Ala., for c.-i. pipe. C. B. Root is a member of the Bd. of Pub. Wks. Noted Oct. 1 and May 13.

Northport, Ala.—Bonds for $16,000 have been voted by the citizens, according to press reports. The proceeds will be used for the construction of water and sewer systems. E. B. Kay, Tuscaloosa, is Engr. Noted Apr. 22.

Clarksdale, Miss.—An election will soon be held to vote on the question of issuing $150,000 in bonds, part of the proceeds of which will be used for the extension of the water system.

Pass Christian, Miss.—According to press reports bonds for $30,000 have been voted, the proceeds of which will be used for the extension of the water system. Noted May 20.

✚Alliance, Ohio—Contracts have been awarded to the DES MOINES STEEL CO., Des Moines, Iowa, for constructing a 40,000-gal. steel tank and to J. C. DEVINE & CO., Alliance, for piping. Chester & Fleming, Pittsburgh, Penn., is Engr. Noted Mar. 25 and May 6.

✚Bridgeport, Ohio—Contracts have been awarded, according to press reports, to ANDREW L. NICKOLICH, Fairmont, W. Va., at $23,000, for constructing water and sewer systems. Noted Jan. 28.

✚Cincinnati, Ohio—The contract has been awarded to the NATIONAL WATER MAIN CLEANING CO., at $19,712, by the Board of Public Service for furnishing c.-i. pipe and specials and for cleaning water mains. Noted Apr. 22.

East View, Ohio—(Warrensville post office)—Bids will be received until 11 a.m., June 14, by Charles E. Burger, Clk. for laying water mains in Lee Rd., Helen, Sand, and East 149th St. and for constructing sidewalks on Centre Road. The Pease Engineering Co., Marshall Bldg., Cleveland, is Engr.

✚Rocky River, Ohio—(Official)—The contract has been awarded to the ROSS COOK ENGINEERING CO., Akron, at $13,393, for laying water mains. Other bidders were: Phillips & Bixel, Cleveland, $14,028; M. Nichols & Son, Cleveland, $15,808; George Gantose, Cleveland, $14,613. Frank Mitchell is Clk. Noted Apr. 29.

✚Toledo, Ohio—The contract has been awarded to the ARROW ENGINEERING CO., St. Louis, Mo., at $60,438, by the Director of Public Service for the installation of machinery for the high pressure pumping station. Noted Mar. 11.

Zanesville, Ohio—At an election held May 11 the citizens voted against the question of issuing bonds for $250,000. The proceeds was to have been used for the construction of a new water system. Noted Dec. 24, Jan. 14 and Apr. 8.

✚Orion, Mich.—The contract has been awarded to the TRAVERSE CITY IRON WORKS CO., Traverse City, by the city for constructing a water system. Noted Oct. 8 and Jan. 28.

✚Bellewood, Ill.—The contract has been awarded to MICHAEL McELLIGOTT, Evanston, at $1.16 per lin.ft. for laying 6-in. water mains in Morris and St. Paul Ave.

Chicago, Ill.—Bids will be received until May 28 by W. R. Moorhouse, Comr. of Pub. Wks., for furnishing 2265 tons of c.-i. water pipe, 16- to 24-in. and for 25 36-in. gate valves, f.o.b. cars 2352 Ashland Ave.

Columbia, Ill.—Plans have been prepared by Fuller-Coult Co., St. Louis, Mo., for the construction of water and sewer systems. The estimated cost is $12,671. E. H. Brucker is City Clk. Noted Apr. 1.

McLean, Ill.—The installation of a water system is under consideration by the City Council.

✚✚Paris, Ill.—(Official)—The contract has been awarded to HICKEY BROS., St. Louis, Mo., at $49,412, for constructing four earth dams, a diversion channel, a wet well and an intake. A. A. Brubaker is City Clk. Noted Apr. 29.

Kenosha, Wis.—Bids will be received until June 14 by the Board of Water Commissioners for constructing a 42-in. c.-i. intake pipe about 10,000 ft. long, a submerged intake crib and a well. B. C. Brennan is City Engr. Noted July 2, 1914, and Apr. 29, 1915.

Wittenberg, Wis.—At a special election the citizens voted in favor of issuing $10,000 in bonds, the proceeds of which will be used for the installation of a water system. W. G. Kirchhoffer, Madison, is Engr. Noted Mar. 4 and Apr. 8.

✚Nevada, Iowa—(Official)—The contract has been awarded to the J. P. MILLER ARTESIAN WELL CO., Chicago, Ill., at $10,220, for driving an artesian well to a depth of 2000 ft. R. A. Davis is City Clk. Noted May 6.

Oelwein, Iowa—Bids will be received until June 7 by E. H. Burlingham, City Clk., for furnishing supplies for the water department for one year.

Rock Valley, Iowa—Bids will be received until 2 p.m., June 2, by J. A. Garland, Clk., for the construction of a 100-ft. steel tower and a 50,000-gal. steel water tank.

Traer, Iowa—The citizens contemplate calling an election to vote on the question of issuing bonds, the proceeds of which will be used for the extension of the water system.

Lynch, Neb.—Bids will be received until 6 p.m., June 1, by H. E. McGinitie, Village Clk., for making extensions to the water system.

Ipswich, S. D.—Bids will be received until June 3 by L. C. Fix, City Audr, for constructing a concrete reservoir with connections. The Dakota Engineering Co., Mitchell, is Engr.

Mobridge, S. D.—An election will be held June 7 to vote on the question of making extensions to the water system. C. A. Smith is Mayor.

Anamoose, N. D.—The citizens contemplate constructing a water system.

Judith Gap, Mont.—Gerharz & Jacqueth, Great Falls, has been retained by the Council, according to press reports, to prepare plans for the construction of a water system. Estimated cost, $15,000. Noted Apr. 1.

Philipsburg, Mont.—According to press reports the Council is again considering the installation of a water system. C. H. Green, Spokane, Wash., is Engr. The estimated cost is $24,000. Noted Mar. 11.

Gallatin, Mo.—Bonds for $17,000 have been voted by the citizens, according to press reports. The proceeds will be used for extension and improvement of the water and electric-light systems.

Rockport, Mo.—Bids will be received about June 19 by the City Clerk for the construction of a water system, the estimated cost of which is $12,000. W. B. Rollins & Co., Midland Bldg., Kansas City, is Engr. Noted Aug. 13 and Sept. 17, 1914.

Arkansas City, Ark.—The Lambe & Demarke Light & Water Co. plans to spend $20,000 for the extension of its water system. A pump will be installed and 2000 ft. of 6-in. water mains will be laid.

✚Ashdown, Ark.—The contract for constructing a water system, materials furnished by the city, has been awarded to C. W. CARDWELL, Texarkana, at $13,233. Noted Aug. 13, 1914.

Benton, Ark.—Bids will probably be received about June 15 by the city for the construction of water, sewer and electric-light systems. The estimated cost is $100,000. R. C. Bailey is Mayor. Noted Jan. 14.

✚Paragould, Ark.—The contract has been awarded, according to press reports, to REODECKER & CONNOR, Kansas City, Mo., at $28,000, by the Commissioners of Water Improvement District No. 2, for the construction of a water system. Noted May 6.

Walnut Ridge, Ark.—The construction of a water system is under consideration.

✚Cotulla, Tex.—The contract has been awarded to F. M. BURKETT, San Antonio, Tex., for drilling an artesian well for the water system. Bonds for $14,000 were voted for this work. Noted Sept. 10.

El Paso, Tex.—William E. Race, Supt. of Water Wks., advises the construction of a reservoir on Mt. Franklin at an estimated cost of $250,000.

Temple, Tex.—Bids will be received until June 8 by the City Council for the construction of a concrete dam and spillway at the water-works pumping station. The estimated cost is $20,000. Noted Jan. 28.

Cushing, Okla.—The city will not make improvements to the water system until later in the year. W. S. Barnick, Cushing, is Engr. Noted May 6.

Taylorsville, Utah—The West Side Water Co., recently incorporated with $15,000 capital, will construct a water system to supply water for domestic use to Bennion, Taylorsville and West Jordan. Walter R. Weston is Secy.

Reno, Nev.—The City Council contemplates issuing $750,000 in bonds, the proceeds of which will be used for the construction of water and electric-light systems.

Miami, Ariz.—See item under "Sewers."

Seattle, Wash.—Heath & Gove, Tacoma, is preparing plans for the construction of a water system at the American Lake Military Reservation at an estimated cost of $12,000. The system will be constructed by the Washington National Guard. Captain Liggett is in charge.

Umatilla, Ore.—According to press reports the Oregon-Washington R.R. & Navigation Co. will furnish water to the city. The city will install its own distributing system. About 11,000 ft. of pipe will be required. E. E. Stracher is Mayor and H. B. Hull is City Clk.

✚Escondido, Calif.—The contract has been awarded to the WESTERN GAS ENGINE CO., Los Angeles, at $8958, by the City Council for constructing two pumping plants for the water system.

Pasadena, Calif.—Bids will soon be received by H. Dyer, City Clk., for furnishing c.-i. pipe and fittings for the water department.

Terra Bella, Calif.—A special election will be held in the Terra Bella Irrigation District in August to vote on the question of issuing $1,000,000 in bonds. The proceds will be used for the construction of a reservoir and 40 miles of irrigation system. Earl R. Clemens is Secy. and S. E. Keefer, San Francisco, is Engr.

Willows, Calif.—(Official)—We have been advised that an irrigation district will soon be organized to irrigate 32,000 acres in Glenn County. John P. Ryan is Ch. Engr. Noted May 6.

Bathurst, N. B.—Bids will be received until 8 p.m., June 10, by John G. Stout, Clk., for the purchase of $150,000 in bonds, the proceeds of which will be used for the construction of water and sewer systems.

SEWERS

✚Boston, Mass.—The contract has been awarded to the WEST ROXBURY TRAP ROCK CO., Roxbury, at $44,470, for the construction of the Dorchester Brook sewer and a sewer in Judson St., Dorchester District. Noted Jan. 4 and May 20.

Boston, Mass.—The Metropolitan Water and Sewer Board contemplates constructing 7½ miles of sewers to extend from Wellesley to West Roxbury, connecting with the Neponset trunk sewer line.

✚Lexington, Mass.—The contract has been awarded to W. B. BRYNE, West Medford, at $45,000, for the construction of 6½miles of pipe sewers with manholes.

Pittsfield, Mass.—The City Council has appropriated $40,000 for the construction of filter beds at the sewage-disposal plant.

✚Shelburne Falls, Mass.—(Official)—The contract for the construction of sewers has been awarded to WAY & CELLILI, Springfield. A. C. Bray is City Clk. Noted May 13.

New Britain, Conn.—The Board of Public Works contemplates extending the Lawlor St. sewer to Allen St. The estimated cost is $19,000.

Freeport, N. Y.—The citizens contemplate issuing $300,000 in bonds, the proceeds of which will be used for the construction of a sewer system and a sewage disposal plant.

★Huntington, N. Y.—(Official)—The lowest bid submitted for the construction of a sewer system and sewage-treatment works was that of Frank Nordone, Mt. Vernon, N. Y., at about $78,000. George W. Fuller, 170 Broadway, N. Y., is Engr. Noted Dec. 17, Jan. 14, Apr. 15 and 29.

✚New York, N. Y.—(Borough of Bronx)—(Official)—Contracts for sewer construction have been awarded to TONY LAPADULA, at $9798; for constructing sewers and appurtenances in Plimpton Ave. between Boscobel Ave. and Featherbed Lane, to MICHAEL MARRONE, at $10,875; for constructing sewers and appurtenance in West 234th St. and Corlear Ave.; to D. J. DONLIN, at $3008, for constructing sewers and appurtenances in West 238th St. and Review Pl. Noted Apr. 29 and May 13.

New York, N. Y.—(Borough of Bronx)—(Official)—Bids will be received until June 1 by Douglas Mathewson, Borough Pres., for constructing sewers and appurtenances in Bryant, Newton Ave. and in Stearns St.

New York, N. Y.—(Borough of Queens)—(Official)—Bids were received May 24 by Maurice M. Connolly, Borough Pres., for constructing sewer and appurtenances in (a) Polk Ave., (b) in Van Alst Ave. as follows: Evergreen Construction Co., (a) $35,358, (b) $3500; Angelo Paino, (a) $31,959, Peace Bros., (a) $33,501, (b) $3854; Stanhope Construction Co., (a) $35,322; Clancy & Van Alst, (a) $33,663, (b) $3345; R. Carvel, (a) $37,908, (b) $3414; Briggs & McLoughlin, (a) $49,274, (b) $5197; Joseph Jennings, (a) $41,884; Rosenthal Engineering Co., (a) $35,197; Green Construction Co., (b) $3330. Noted May 20.

★Oswego, N. Y.—(Official)—Bids will be received until June 1 by the Department of Public Works for the construction of sewers. Charles W. Linsley is Comr. of Pub. Wks.

Rochester, N. Y.—The City Council contemplates the construction of the Graves St. tunnel sewer estimated to cost $12,000, the Rosalind St. sewer estimated to cost $4800, and sewers in Congress Ave. estimated to cost $8000.

Syracuse, N. Y.—The lowest bid submitted for the construction of a sewage-disposal plant was that of the P. J. Sullivan Co., at $7835. Other bids were: Samuel Bonn, $9677, and Edward Joy, $11,250.

Convent Station, N. J.—Bids will be received about June 1 by the city for the construction of a sewer system estimated to cost $20,000. Clyde Potts, 30 Church St., New York, N. Y., is Engr.

Hoboken, N. J.—The city will not construct the proposed Mill Creek sewer, estimated to cost $85,000. Bids were received Oct. 30, 1913, and the contract was awarded to R. Waddington & Sons. This is as far as the project progressed. The contract and all former resolutions have been rescinded.

✚Newark, N. J.—The contract for the construction of the northerly portion of Section 19 of the Acquacknock, Garfield and Passaic branch of the Main Intercepting Sewer has been awarded to the HARRISON & CRAIG CO., Newark, at $61,740. Noted May 6 and 20.

Point Pleasant, N. J.—The city contemplates the construction of a sewer system estimated to cost $20,000. F. C. Havens is Borough Clk.

Trenton, N. J.—The Board of City Commissioners has authorized the construction of sewers in Westfield and Edgewood Ave. Frank Thompson is City Clk.

★Beaver Falls, Penn.—(Official)—Bids will be received until June 8 by the City Council for the construction of a sewage-disposal plant and appurtenances. L. Hudson, 1210 House Bldg., Pittsburgh, is Engr. Noted Mar. 25.

✚Edwardsville, Penn.—The contract has been awarded to D. M. ROSSER, at $16,582, for the construction of sewers in the Fifth and Sixth Wards.

✚Greenville, Penn.—The contract has been awarded to LESHER, ROESS & LESHER, Oil City, for the construction of sewage-disposal works, intercepting and lateral sewers. The estimated cost is $43,000. Chester & Fleming, Pittsburgh, is Engr. Noted May 6.

Paoli, Penn.—Plans have been prepared by Herbert W. Hatton, Equitable Bldg., Wilmington, Del., for the construction of a sewage-disposal plant for the Pennsylvania R.R.

Philadelphia, Penn.—According to press reports plans have been prepared for the construction, within the next five years, of a system of sewers and sewage-disposal plants to stop the pollution of the Delaware and Schuylkill Rivers. The estimated cost is $22,200,000.

✚Pittsburgh, Penn.—The contract for the construction of a 54-in. and 60-in. brick relief sewer in private property and in 42nd and 43rd St. has been awarded to F. & F. DIULIUS, at $9966.

✚Baltimore, Md.—The contract has been awarded to M. O'HERRON & SON, Baltimore, at $20,419, for the construction of the Stony Run trunk sewer. The contract for the construction of a road at the sewage-disposal works has been awarded to THOMAS F. MULLAN, at $5865.

Betterton, Md.—Plans are being prepared by Kastenhuber & Anderson, Easton, for the construction of a sanitary and storm sewer system with disposal plant.

Swansboro, Va.—(Manchester post office)—Charles E. Bolling, City Engr., has submitted a report to the Administrative Board estimating the cost of constructing a sewer system at $409,327.

✚Bridgeport, W. Va.—The contract has been awarded to ANDREW L. NICKOLICH, at $23,000, for the construction of a sewer system and water works. Noted Feb. 4.

Hertford, N. C.—The city will issue $13,000 in bonds, the proceeds of which will be used for the construction of a sewer system. W. E. White is Mayor.

Ft. Meade, Fla.—The city will issue $58,000 in bonds, the proceeds of which will be used for the construction of a sewer system.

✚West Palm Beach, Fla.—The contract has been awarded to JONAS & GARRETSON, at $69,691, for the construction of sewers and seawall, and improving various streets. Noted Apr. 29.

Northport, Ala.—See item under "Water Supply-Irrigation."

Chattanooga, Tenn.—Bids will be received by William Cummings, County Judge, until 11 a.m., May 31, for the construction of sewers with all connections and appurtenances.

Barbourville, Ky.—Plans are being prepared for the construction of a sewer system estimated to cost $15,000. C. P. Kennedy is interested.

✚Bridgeport, Ohio—See item under "Water Supply-Irrigation."

Cincinnati, Ohio—Bids were received May 14 by the Director of Public Service for the construction of the Winton Pl. relief sewers, Contract No. 1, as follows: (a) brick, (b) concrete, (c) reinforced-concrete, (d) segmental block, Welling & Franz, Cincinnati, (a) $38,652, (d) $37,177; Thomas Maloney, Cincinnati, (a) $37,714, (d) $37,640; Thomas P. Strack, Cincinnati, (c) $39,478, (d) $37,824; M. J. McCarthy, Cincinnati, (a) $39,444; D. P. Foley, Cincinnati, (a) $43,340, (b) $39,727, (d) $39,888; Cannell-Ames Construction Co., Cincinnati, (d) $42,700; John Dempsey, Cincinnati, (a) $46,580, (d) $44,816; Connelly Construction Co., Cincinnati, (a) $45,937; Evan Evans, Cincinnati, $49,441.

Cincinnati, Ohio—Bids were received May 11 by the Board of Public Service for the construction of sewers in Manss, Latham and Beech Ave. as follows: Connelly Construction Co., Cincinnati, $17,108; D. P. Foley, Cincinnati, $17,221; Cannell-Ames Construction Co., Cincinnati, $17,608; Thomas P. Strack, Cincinnati, $18,179; Welling & Franz, Cincinnati, $18,260; John Ruebel Construction Co., Cincinnati, $18,873; Wagner & Boehning, Cincinnati, $19,143; M. J. McCarthy, Cincinnati, $19,960; Thomas Maloney, Cincinnati, $22,210; Evan Evans, Cincinnati, $23,862. Noted May 6.

Cleveland, Ohio—(Official)—All bids received for the construction of the East 65th St. sewer have been rejected. Robert Hoffman is City Engr. Noted May 20.

Cleveland Heights, Ohio—(Warrensville post office)—Bids will be received until noon, June 12, by H. H. Canfield, Clk., for the purchase of $7000 in bonds, the proceeds of which will be used for the construction of sewers.

Defiance, Ohio—Bids will be received until noon, June 1, by Clayton M. Rath, Dir. of Pub. Wks., for sewer construction.

Findlay, Ohio—Bonds for $25,000 have been sold, the proceeds of which will be used for the construction of sewers. H. A. Glathart is City Engr.

✚Fremont, Ohio—The contract for the construction for sewers has been awarded to the MODERN CONSTRUCTION CO., at $7000.

Springfield, Ohio—Bids will be received until 4 p.m., June 11, by the Building Commission for the construction of a sewage-disposal plant at the new infirmary. George E. McCord is Pres.

✚Toledo, Ohio—(Official)—The contract for the construction of the main sanitary sewer No. 11 in Sub-district No. 2 has been awarded to ALBERT GRZYBOWSKI, Toledo. Noted Apr. 29.

✚South Bend, Ind.—(Official)—The contract for the construction of the trunk sewer in Michigan St. has been awarded to J. H. CAHILL, Louisville, Ky., at $42,890. F. J. Anderson is City Engr. Noted Apr. 8 and May 6.

✚Glencoe, Ill.—(Official)—The contract for the construction of 10,588 ft. of 8-in. vitrified pipe sewers has been awarded to WILLIAM DAVIDSON, at $29,959. Other bids were: Johnson & Thomson, $30,041; F. E. Keminski, $30,768; Monohon Bros., $31,530; Henry Rees, $31,619; Public Service Construction Co., $32,841; Dalton Bros., $41,247. Noted May 13.

✚Green Bay, Wis.—(Official)—The contract has been awarded to SCHAEFER & WAERZEGGERS, Green Bay, for the construction of sewers in various streets. Noted May 13.

✚Menomonie, Wis.—The contract for the construction of sewers has been awarded to A. F. SCHOENOFF, at $8755.

✚Milwaukee, Wis.—The contract for the construction of sewers on the east and west sides of the Wilwaukee River has been awarded to the JOHN F. CASEY CO., Pittsburgh, Penn., at $305,304. T. Chalkly Hatton is Ch. Engr. Noted Mar. 11, Apr. 15 and 29.

Milwaukee, Wis.—The City Council contemplates issuing $200,000 in bonds, the proceeds of which will be used for the construction of sewers.

Ripon, Wis.—Bids will be received until 4 p.m., June 14, by J. W. Pierce, City Clk., for sewerage work in Metomen, Scott and Shepard St.

Mt. Ayr, Iowa—(Official)—The contract for the construction of a sewer system will be awarded about June 3. The estimated cost is $40,000. E. T. Archer & Co., 406 New England Bldg., Kansas City, Mo., is Engr. Noted Mar. 25, Apr. 22 and May 6.

Bird Island, Minn.—Surveys are being made by W. G. Stoulil for the construction of a sewer system. The estimated cost is $10,000.

Brainerd, Minn.—Bids will be received until 8 p.m., June 7, by A. Mahlum, City Clk., for the construction of 2110 ft. of 12- and 18-in., 1550 ft. of 8- and 10-in., 3040 ft. of 8- 10- and 12-in. pipe sewers with manholes and lampholes.

Duluth, Minn.—The city contemplates the construction of storm sewers estimated to cost $7000.

Eveleth, Minn.—(Official)—Bids will soon be received by A. P. Romer, City Clk., for the construction of a sewage-disposal plant. The estimated cost is $40,000. C. M. Dorway is City Engr. and F. Bass is Consult. Engr. Noted Apr. 22 and May 13.

Clay Center, Kan.—The contract will be awarded about June 1 for the construction of storm sewers. The estimated cost is $10,000. O. E. Noble, Manhattan, is Engr.

✚Junction City, Kan.—(Official)—The contract for the construction of 3½ miles of sanitary sewers has been awarded to W. W. COOK, Junction City, at $8905. W. V. Buck is City Engr. T. W. Dorn is City Clk. Noted May 13.

Sisseton, S. D.—Bids will be received until 2:30 p.m., June 15, by Casper Kennedy, Mayor, for the construction of a sewer system. The estimated cost is $40,000. Noted Mar. 4.

Watertown, S. D.—(Official)—Bonds for $88,000 have been sold, the proceeds of which will be used for the construction of a sewer system. T. W. Shreiber is City Engr. Noted May 6 and 13.

Maplewood, Mo.—Bids will be received until June 9 by M. F. O'Brien, City Clk., for the construction of 5000 lin.ft. of 7-ft. tunnel sewer. The estimated cost is $50,000. Noted Mar. 18.

✚Ashdown, Ark.—The contract for the construction of a sewer system has been awarded to C. W. CARDWELL, Texarkana, at $29,209.

Benton, Ark.—Bids will be received about June 15 by the city for the construction of sewers. The estimated cost is $100,000. J. B. McCrary, Atlanta, Ga., is Engr. Noted Jan. 15 and Mar. 11.

✚Siloam Springs, Ark.—(Official)—The contract for the construction of a sanitary sewer system has been awarded to EVERETTE & BURT, Hutchinson, Kan., at $43,711. Winter & Dove, Fort Smith, Ark., is Engr. Noted Mar. 25 and Apr. 29.

Walnut Ridge, Ark.—The city contemplates the construction of a sewer system.

Marlin, Tex.—An election will be held June 15 to vote on the question of issuing $45,000 in bonds, the proceeds of which will be used for sewer construction. L. Goodrich is City Engr.

✚Houston Heights, Tex.—(Official)—The contract for the construction of 1400 ft. of 84-in. and 600 ft. of 36-in. storm sewers with inlets and catch-basins has been awarded to HORTON & HORTON, Houston, at $26,222. Other bids were: James Stewart & Co., $44,140; William Brunet, $44,080; Bailey-Reeder & Co., $33,898; Freund & Quay, $35,000; Hunter & Hunter, $31,015. Noted Apr. 22.

Pittsburg, Tex.—The City Council has granted a franchise to G. Duff, Greenville, Tex., for the construction of a sewer system in Pittsburg.

Temple, Tex.—The city will extend its sanitary sewer system. The work will be done by day labor. The estimated cost is $15,178. J. T. Martin is City Secy. and R. D. Morgan is City Engr. Noted Apr. 20.

✚Limon, Colo.—(Official)—The contract for the construction of sewers has been awarded to the GORDON TAYLOR CONSTRUCTION CO., Denver, at $20,664. V. T. Raywalt is City Engr. and C. M. Cook is City Clk.

Miami, Ariz.—An election will be held June 11 to vote on the question of issuing $30,000 in bonds, the proceeds of which will be used for the construction of a sewer system, water system, electric-light plant and street improvements.

Chehalis, Wash.—H. Whaley, City Engr., has submitted a report to the City Council estimating the cost of constructing the Prindle St. trunk sewer at $25,337.

Vancouver, Wash.—The city contemplates the construction of an 8-in. sewer in Columbia St. estimated to cost $10,000.

Walla Walla, Wash.—Plans have been prepared by Walter Rehorn, City Engr., for the construction of 21,000 ft. of 15-in., 300 ft. of 12-in., 3000 ft. of 10-in., 1000 ft. of 8-in. and 1000 ft. of 6-in. sewers. Bids will soon be received.

✚Palo Alto, Calif.—The contract for the construction of 12,450 ft. of 4-, 6-, 8- and 10-in. pipe sewers has been awarded to the CALIFORNIA POTTERY CO., San Francisco. Frank Kasson is City Clk.

Sacramento, Calif.—The City Commission has approved plans for the construction of Unit No. 1 of the sewer system which will drain the Maple Park District. The estimated cost is $50,000. A. Given is Ch. Engr.

Stockton, Calif.—An election will be held June 15 to vote on the question of issuing $550,000 in bonds, the proceeds of which will be used for the improvement of the sanitary and rainwater sewer system and the construction of storm sewers. Noted May 6.

Bathurst, N. B.—See item under "Water Supply—Irrigation."

Edmonton, Alta.—The city contemplates the construction of a sewage-disposal plant. The estimated cost is $30,000.

GARBAGE

New York, N. Y.—(Official)—Bids were received May 21 by the Department of Health for proposition "A," the removal of night soil and dead animals from the several boroughs for a period of five years beginning July 1, 1915, from Charles R. Van Etton, $48,910, and Product Mfg. Co., $44,730. Noted May 13.

Irvington, N. J.—Bids were received May 19 by the Town Commission for collecting garbage for a period of five years from J. F. Donovan, $37,500 and Charles Wahlers, $42,500.

West Hoboken, N. J.—(Official)—Bids will be received until June 9 by the town for the collection of ashes and garbage. A. L. Wachlin is Town Clk.

Houston, Tex.—The city plans to build four garbage crematories. Benjamin Campbell is Mayor.

Portland, Ore.—The citizens will vote on the question of a municipal garbage collection system at an election which will be held June 7. Noted Feb. 4.

Portland, Ore.—Bids will be received until 5 p.m., June 2, by R. H. Thomas, School Clk., Courthouse, Portland, for hauling garbage for the school year 1915-1916.

STREETS AND ROADS

✚Augusta, Maine—(Official)—Bids were received May 19 by the State Highway Commission and contracts awarded for constructing roads in various towns as follows: Manchester, Kennebec County, 2.68 miles of water bound macadam road, AHERN CONSTRUCTION CO., Willimantic, Conn., at $18,308; Edmunds, Washington County, 1.95 miles of gravel road, A. WILLIAMS & CO., Boston, Mass., at $9966; Fairfield, Somerset County, 2.29 miles of gravel road, NOYES & CAMPBELL, Augusta, at $9789; Bath, Sagadahoc County, .83 of a mile of gravel road, to be built by the State Highway Department; Thomaston, Lincoln County, 1.28 miles of gravel road to be built by the State Highway Department; Poland, Androscoggin County, 3.65 miles of gravel road, J. H. McGREGOR, Rumford, at $14,089; Oxford, Oxford County, 3.77 miles of sand-clay road, J. H. McGREGOR, Rumford, at $15,988. Noted May 13.

Burlington, Vt.—(Official)—Bids will be received until 2 p.m., June 15, by the Board of Street Commissioners for constructing walks, curbs and gutters.

Boston, Mass.—Bids will be received until June 1 by the Department of Public Works for paving Tremont St. from Scollay Sq. to Boylston St., Boston, with wood block and L St. from East First St. to Broadway, South Boston, with granite block.

Boston, Mass.—Bids were received May 18 by the State Highway Commission for constructing (a) 6400 lin.ft. of state road in Wrentham and (b) 6500 lin.ft. of road, including two concrete bridges in Williamstown, as follows: W. D. Smith, Wrentham, (a) $15,211; Joseph McCormick, East Providence, (a) $15,143; Snow & Farrington, Wrentham, (a) $15,160; Way & Cellili, Springfield, (b) $13,708; C. E. Horne, Millbury, (b) $13,331; Cavanaugh & Co., Boston, (b) $13,994; F. E. Ellis, Melrose, (b) $17,244. Noted May 13.

Boston, Mass.—Bids will be received until noon, June 1, by the State Highway Commission for the construction of a section of State Highway in Sutton and Uxbridge Townships.

Boston, Mass.—No bids were received May 12 by the State Highway Commission for constructing a road at Falmouth. Noted May 6.

Boston, Mass.—Bids will be received until May 28 for the construction of bituminous macadam roadways in Burton St., Brighton, and in Walley St., East Boston District. Patrick O'Hearn is Acting Comr. of Pub. Wks.

✚✚Albany, N. Y.—(Official)—Bids were received May 18 by Edwin Duffey, State Highway Comr., and contracts awarded for repairing highways as follows:

Repair Contract No. 690, Allegany County, 11.30 miles: KENNEDY CONSTRUCTION CO., Albany, $8950 (awarded contract); McGreevey, McGuigan & Baum Construction Co., Elmira, $9432; F. Harrison Higgins, Olean, $9813; I. B. Contracting Corporation, New York, $10,043.

Repair Contract No. 767, Allegany County, 4 miles: KENNEDY CONSTRUCTION CO., Albany, $11,269 (awarded contract); McGreevey, McGuigan & Baum Construction Co., Elmira, $12,272; John Johnson Construction Co., Buffalo, $12,698.

Repair Contract No. 746, Cayuga County, 7.96 miles: FLOOD & VAN WIRT CO., Hudson Falls, $38,322 (awarded contract); Paddleford & King, Sherburne, $38,972; Brayer Bros., Auburn, $40,532; Michael Murphy, Rochester, $41,267; Monroe Roads Co., Pittsford $41,628; Thomas Grady, Rochester, $42,402; Sullivan Construction Co., Syracuse, $42,558; Dana W. Robbins, Inc., New York, $42,884; P. H. Murray, Rochester, $44,866; T. M. Hunter, Sterling, $45,043; Semper Bros., Watertown, $45,937; J. H. Weidman, Syracuse, $49,194.

Repair Contract No. 749, Franklin County, 8.58 miles: W. T. THAYER & CO., Chateaugay, $3165 (awarded contract); Richard Hopkins, Troy, $3702; John F. Lewis, Albany, $4795; I. B. Contracting Corporation, New York, $3968; Rock & Griffin, Massena, $4070.

Repair Contract No. 754, Franklin County, 2.07 miles: W. T. THAYER & CO., Chateaugay, $9938 (awarded contract).

Repair Contract No. 762, Fulton County, 19.86 miles: DALE ENGINEERING CO., Utica, $7482 (awarded contract); John P. Dugan & Co., Amsterdam, $8085; W. L. Lawton, Glens Falls, $8213; W. J. Morrissey, Saratoga Springs, $8370; Brown & Lowe Co., Schenectady, $8642; George Holler, Albany, $8909; I. B. Contracting Corporation, New York, $9307; Clarence Welsh & Co., Gloversville, $7984.

Repair Contract No. 757, Genesee-Livingston and Monroe Counties, 41.10 miles: SWEENEY & BOLAND, Rochester, $6670 (awarded contract); Headley Good Roads Co., Philadelphia, Penn., $6700; Dale Engineering Co., Utica, $7023; E. P. Brewer, Pittsford, $7100; Defiance Corporation, Ticonderoga, $7254; Ribstine-Holter Co., Inc., Rochester, $7515; F. W. Knickenberg, Buffalo, $7535; Paul Gsanger, Monsey, $7567; I. B. Contracting Corporation, New York, $7608.

Repair Contract No. 732, Hamilton County, 14.49 miles: DALE ENGINEERING CO., Utica, $5152 (awarded contract); John P. Dugan & Co., Amsterdam, $5575; Clarence Welsh & Co., Gloversville, $5575; Richard Hopkins, Troy, $5595; W. L. Lawton, Glens Falls, $5772; Brown & Lowe Co., Schenectady, $5830; William J. Morrissey, Saratoga, $6037; I. B. Contracting Corporation, New York, $6350; Parker-Hassam Paving Co., Worcester, Mass., $6935.

Repair Contract No. 745, Livingston County, 15.69 miles: McCARTHY & WALL, Mt. Morris, $4055 (awarded contract); Ribstine-Holter Co., Inc., Rochester, $4146; I. B. Contracting Corporation, New York, $4357.

Repair Contract No. 752, Livingston and Ontario Counties, 17.75 miles: HEADLEY GOOD ROADS CO., Philadelphia, Penn., $3551 (awarded contract); Ribstine-Holter Co., Inc., Rochester, $3808; I. B. Contracting Corporation, New York, $3833; Clarence E. Walker, Troy, $3864; Paul Gsanger, Monsey, $3870.

Repair Contract No. 734, Madison County, 29.71 miles: HARRY W. ROBERTS CO., Utica, $10,870 (awarded contract); Defiance Corporation, Ticonderoga, $11,570; Nash & Griffin, Norwich, $12,538; Dana W. Robbins, Inc., New York, $12,559; De Barber & Hill, Fulton, $12,837; Richard Hopkins, Troy, $13,208; I. B. Contracting Corporation, New York, $13,489; George Holler, Albany, $13,615.

Repair Contract No. 729, Montgomery County, 25.27 miles: HARRY W. ROBERTS & CO., Utica, $8770 (awarded contract); John P. Dugan & Co., Amsterdam, $9697; W. L. Lawton, Glens Falls, $10,560; Dana W. Robbins, Inc., New York, $10,627; I. B. Contracting Corporation, New York, $10,752; George Holler, Albany, $10,859; William J. Morrissey, Saratoga Springs, $11,073; Charles Scott, Ft. Plain, $11,246.

Repair Contract No. 763, Oneida, Madison, Otsego and Herkimer Counties, 32.4 miles: HARRY W. ROBERTS & CO., Utica, $12,280 (awarded contract); Richard Hopkins, Troy, $14,929; George Holler, Albany, $14,941; I. B. Contracting Corporation, New York, $15,406.

Repair Contract No. 731, Oneida and Herkimer Counties, 31.91 miles: DALE ENGINEERING CO., Utica, $10,947 (awarded contract; Dana W. Robbins, Inc., New York, $11,827; Richard Hopkins, Troy, $12,801; De Barber & Hill, Fulton, $13,142; Brown & Lowe Co., Schenectady, $13,429; I. B. Contracting Corporation, New York, $13,645; R. D. Cooper, Little Falls, $13,878.

Repair Contract No. 730, Oneida County, 30.30 miles: DALE ENGINEERING CO., Utica, $12,007 (awarded contract); Dana W. Robbins, Inc., New York, $12,385; John A. Jova, Inc., Newburgh, $13,033; De Barber & Hill, Fulton, $13,216; I. B. Contracting Corporation, New York, $13,850; R. D. Cooper, Little Falls, $13,958; George Holler, Albany, $13,994; Brown & Lowe Co., Schenectady, $14,505.

Repair Contract No. 756, Ontario County, 3.74 miles: BERT WARREN and J. J. GLEASON, Honeoye Falls, $13,395 (awarded contract); Connors & Gallivan, Elmira, $13,994; Ribstine-Holter Co., Inc., Rochester, $14,126; John Johnson Construction Co., Buffalo, $15,1-02.

Repair Contract No. 755, Orange County, 2.20 miles: SCHUNNEMUNK CONSTRUCTION CO., Highland Mills, $11,483 (awarded contract); Paul Gsanger, Monsey, $11,978.

Repair Contract No. 759, Orange County, 6.83 miles: JOHN A. JOVA, INC., Newburgh, $5343; Paul Gsanger, Monsey, $5444; I. B. Contracting Corporation, New York, $6045; Schunnemunk Construction Co., Highland Mills, $6845.

Repair Contract No. 641, Monroe and Orleans Counties, 23.63 miles: THOMAS HUCKNALL & CO., Albion, $4694 (awarded contract); Sweeney & Boland, Rochester, $5341; Rhodey & Clawson, Albion, $5572; Headley Good Roads Co., Philadelphia, Penn., $5643; County Construction Co., Troy, $5735; Clarence E. Walker, Troy, $5768; I. B. Contracting Corporation, New York, $5869; Paul Gsanger, Monsey, $5916; I. M. Ludington Co., Inc., Rochester, $6021.

Repair Contract No. 751, Oswego County, 7 miles: THOMAS HUCKNALL & CO., Albion, $2251 (awarded contract); Pathfinder Construction Co., Inc., Fulton, $2447; Fred D. Dutcher, Fulton, $2505; De Barber & Hill, Fulton, $2605; I. B. Contracting Corporation, New York, $2722; Semper Bros., Watertown, $2813.

Repair Contract No. 747, Oswego County, 10.75 miles: THOMAS HUCKNALL & CO., Albion, $3766 (awarded contract); Fred D. Dutcher, Fulton, N. Y., $6233; Pathfinder Construction Co., Inc., Fulton, $4290; Semper Bros., Watertown, $4649; I. B. Contracting Corporation, New York, $4654; De Barber & Hill, Fulton, $4725.

Repair Contract No. 721, Rensselaer County, 0.41 mile: GLEASON & DAVITT, Albany, $2821 (awarded contract); County Construction Co., Troy, $2922; I. B. Contracting Corporation, New York, $3072; Belmar Contracting Co., Inc., Troy, $3207; James J. Rigney, Rensselaer, $3230.

Repair Contract No. 713, Seneca County, 7.05 miles: PATHFINDER CONSTRUCTION CO., INC., Fulton, $2889 (awarded contract).

Repair Contract No. 758, Steuben County, 3.94 miles: KENNEDY CONSTRUCTION CO., Albany, $22,000 (awarded contract); Bradley & Nolan, Corning, $22,425; Atlanta Construction Co., Atlanta, $22,859; John Johnson Construction Co., Buffalo, $25,975.

Repair Contract No. 541, Tompkins County, 3.04 miles: PATRICK D. CONLEY, Ithaca, $15,080 (awarded contract); J. H. Weidman, Syracuse, $18,408; McGreevey, McGuigan & Baum Construction Co., Elmira, $18,408; Hasard & Dater, Groton, $18,899; Paddleford & King, Sherburne, $19,110; John H. Gordon, Albany, $19,292; Hendrickson-McCabe Construction Co., Spencerport, $19,448; Kennedy Construction Co., Albany, $20,417.

Repair Contract No. 553, Washington County, 1.85 miles: WILLIAM MORRISSEY, Saratoga Springs, $11,332 (awarded contract; William Sherrill, Hudson Falls, $11,972; Gleason & Davitt, Albany, $12,614; W. L. Lawton, Glens Falls, $12,997; The Lane Construction Corporation, Meriden, Conn., $12,999; Flood & Van Wirt Co., Hudson Falls, $13,326.

Repair Contract No. 723, Wyoming County, 13.42 miles: I. B. CONTRACTING CORPORATION, New York, $4354 (awarded contract).

Repair Contract No. 748, Yates County, 2 miles: McGreevey, McGuigan & Baum Construction Co., Elmira, $1400; JOHN W. GURNETT, Watkins, $1468 (awarded contract); Atlanta Construction Co., Atlanta, $1537; Kennedy Construction Co., Albany, $1537; I. B. Contracting Corporation, New York, $1600; Richard Hopkins, Troy, $1617. Noted Apr. 29.

★**Albany, N. Y.**—(Official)—Bids were received May 21 by Edwin Duffey, State Highway Comr., for constructing highways as follows:

Road No. 1238, Broome County, 1.03 miles: Tyne & Willey, Binghamton, $49,274; Paddleford & King, Sherburne, $49,422; Holleran Bros., Elmira, $50,963; Lee Du Bois, Lestershire, $51,150; William H. Ring Contracting Co., Ogdensburg, $51,596; James E. Martin, Utica, $52,020.

Road No. 5412, Broome County, 0.28 mile: Paddleford & King, Sherburne, $11,135; Tyne & Willey, Binghamton, $11,319; Lee Du Bois, Lestershire, $11,472; C. D. Dean, Binghamton, $11,526; Holleran Bros., Elmira, $11,568; William H. Ring Contracting Co., Ogdensburg, $11,613; James E. Martin, Utica, $11,932.

Road No. 5440, Broome County, 0.41 miles: Arthur D. Osborne, Binghamton, $20,488; Paddleford & King, Sherburne, $22,620; C. D. Dean, Binghamton, $23,041; Tyne & Willey, Binghamton, $23,541; Lee Du Bois, Lestershire, $24,654; James E. Martin, Utica, $24,654.

Road No. 1269, Cattaraugus County, 5.62 miles: Woolsey Construction Co., Davenport, $74,127; McNerney Construction Co., Canton, Penn., $75,659; Gleason & Davitt, Albany, N. Y., $76,699; O. M. Severson, Erie, Penn., $78,080.

Road No. 1275, Cattaraugus County, 3.95 miles: O. M. Severson & Co., Erie, Penn., $67,727; McNerney Construction Co., Canton, Penn., $67,817; Woolsey Construction Co., Davenport, $68,169; F. Harrison Higgins Co., Olean, $70,621.

Road No. 5544, Cattaraugus County, 6.88 miles: D. D. Dugan & Sons, Olean, $132,687; James Rossney, Buffalo, $134,877; Parker-Hassam Paving Co., Worcester, Mass., $138,308; Woolsey Construction Co., Davenport, $139,203; Gleason & Davitt, Albany, $139,936; Servis & Mackey, Youngstown, $141,907; S. T. Benson & Co., Jamestown, $143,097; I. M. Benson & Co., Jamestown, $143,097; I. M. Ludington & Sons, Inc., Rochester, $143,521; John W. Landel, Tonawanda, $145,037; John W. Landel, Tonawanda, $145,037; McNerney Construction Co., Canton, Penn., $146,250.

Road No. 1270, Delaware County, 7.69 miles: Samuel Beskin, Beacon, $72,768; H. B. Sproul Co., Inc., Peekskill, $72,878; E. J. Anderson, Menands, $74,452; Rob Roy Construction Co., Albany, $75,509; DeGraff & Hogeboom, Kingston, $76,787; Langan Construction Corporation, Albany, $77,428; McNerney Construction Co., Canton, Penn., $77,983; C. W. Tyron, Boyntonville, $79,827; Brown & Lowe Co., Schenectady, $81,939; William C. Evans, Ambler, Penn., $82,160; James E. Martin, Utica, $85,871.

Road No. 1271, Delaware County, 11.40 miles: Fulton Engineering Co., Inc., Albany, $128,446; Schunnemunk Construction Co., Highland Mills, $130,542; Samuel Beskin, Beacon, $131,685; H. B. Sproul Co., Inc., Peekskill, $133,260; Ruddy-Saunders Construction Co., Troy, $133,804; E. J. Anderson, Menands, $134,439; Dale Engineering Co., Utica, $134,707; Juniata Co., Philadelphia, Penn., $136,254; Rob Roy Construction Co., Albany, $137,936; Freeman & Cunningham, Watervliet, $138,010; Langan Construction Corporation, Albany, $138,261; James E. Martin, Utica, $139,109; Westchester Dutchess Corporation, Mt. Vernon, $140,380.

Road No. 1272, Delaware County, 5.84 miles: E. J. Anderson, Menands, $63,898; Fulton Engineering Co., Albany, $64,991; H. B. Sproul Construction Co., Inc., Peekskill, $65,484; Ruddy-Saunders Construction Co., Troy, $66,819; Dale Engineering Co., Utica, $67,381; Samuel Beskin, Beacon, $67,588; Schunnemunk Construction Co., Highland Mills, $67,593; Westchester-Dutchess Corporation, Mt. Vernon, $68,297; Richard Hopkins, Troy, $68,829; Juniata Co., Philadelphia, Penn., $69,057; Brown & Lowe Co., Schenectady, $69,454; Blankfield & Donovan, Kingston, $69,672.

Road No. 1268, Genesee County, 4.49 miles: John Johnson Construction Co., Buffalo, $39,732; F. W. Knickenberg, Buffalo, $39,759; Chilson & Gibson, Le Roy, $41,880; Michael Murphy, Rochester, $42,528; Ribstine-Holter Co. Inc., Rochester, $42,781.

Road No. 1242, Greene County, 4.43 miles: John L. Hayes Construction Co., Yonkers, $50,420; M. E. Francis, Tannersville, $51,647; Catskill Construction Co., Catskill, $51,804; Westchester-Dutchess Corporation, Mt. Vernon, $52,446; F. A. Biggi, Brooklyn, $52,981; Marks Kearney, Hudson, $52,996; Samuel Beskin, Beacon, $53,481; John C. Souder Construction Co., Inc., Lancaster, Penn., $54,297; Brady-Oltarsh Construction Co., New York, $54,737; Blankfield & Donovan, Kingston, $54,798; Langan Construction Corporation, Albany, $54,962.

Road No. 5553, Oneida County, 5.72 miles: B. F. S. Co., Herkimer, $49,893; F. Harrison Higgins Co., Olean, $51,991; Brady-Oltarsh Construction Co., New York, $53,592; Ft. Schuyler Construction Co., Oneida, $54,534; John A. Jova, Inc., Newburgh, $54,645; Gallway Co., New York, $54,888; Conroy & Nixdorf, Oneida, $55,559; J. H. Weidman, Syracuse, $56,445; Jos. McCormick, East Providence, R. I., $58,202.

Road No. 1139, Ontario County, 1.38 miles: Thomas F. Murray, Le Roy, $17,306; J. W. Brennan Construction Co., Inc., Geneva, $17,933; Whitmore-Rauber & Vicinius, Rochester, $18,499; McNerney Construction Co., Canton, Penn., $18,523; Wm. H. Madden, Rochester, $18,816.

Road No. 1276, Ontario County, 1.23 miles: Schroeder-Hicks Contracting Co., Rochester, $23,272; Connors & Gallivan, Elmira, $23,741; McNerney Construction Co., Canton, Penn., $23,948; John Johnson Construction Co., Buffalo, $24,145; J. W. Brennan Construction Co., Geneva, $24,375; Whitmore-Rauber & Vincinius, Rochester, $25,558; F. Harrison Higgins Co., Olean, $25,866.

Road No. 1277, Ontario County, 1.53 miles: Lake Shore Construction Co., Buffalo, $69,956; J. W. Brennan Construction Co., Inc., Geneva, $70,959; William H. Ring Contracting Co., Ogdensburg, $71,481; Parker-Hassam Paving Co., Worcester, Mass., $72,225; Chambers & Barnes, Rochester, $72,547; Hovey-Benedict, Williamsport, Penn., $72,590; Robert W. Henson, Geneva, $72,745; McNerney Construction Co., Canton, Penn., $73,037; Conners & Gallivan, Elmira, $73,090; Ribstine-Holter Co. Inc., Rochester, $74,180; Schroeder-Hicks Contracting Co., Rochester, $74,519; Gleason & Davitt, Albany, $75,097; Whitmore-Rauber & Vicinius, Rochester, $77,249.

Road No. 1278, Ontario County, 8.63 miles: Hovey-Benedict, Williamsport, Penn., $55,206; Ribstine-Holter Co., Inc., Rochester, $59,299; Michael O'Brien, Cortland, $61,174; I. M. Ludington Sons, Inc., Rochester, $61,710; Young & Hyde Inc., New York, $62,750; Albert Gaffey, Syracuse, $63,707; Michael Murphy, Rochester, $65,054; McNerney Construction Co., Canton, Penn., $65,636; Chambers & Barnes, Rochester, $70,966.

Road No. 1262, St. Lawrence County, 5.07 miles: W. T. Thayer & Co., Chateaugay, $44,882; J. H. Weidman, Syracuse, $46,344; Thomas Grady, Rochester, $47,116; Ross-Hallenbeck Co., Copenhagen, $47,257; T. H. Gill Co., Binghamton, $47,403; Henry P. Burgard, Buffalo, $47,922; Weed & Walsh, Mechanicsville, $48,002; F. A. Biggi, Brooklyn, $49,500; Burns Bros. & Haley, Watertown, $49,919; James E. Martin, Utica, $54,556.

Road No. 1266, St. Lawrence County, 3.09 miles: Thomas O'Brien, Watertown, $31,802; F. Harrison Higgins Co., Olean, $34,919; W. T. Thayer & Co., Chateaugay, $36,172; Richard Hopkins, Troy, $36,450; John A. Jova, Inc., Newburgh, $37,468; Ross-Hallenbeck Construction Co., Copenhagen, $38,630.

Road No. 5551, Schenectady County, 3.34 miles: William Green, Schenectady, $32,461; Alonzo Schaupp, Guilderland, $32,580; Curran Corporation, Middletown, Conn., $32,972; F. A. Biggi, Brooklyn, $33,900; John Crisorio, Albany, $33,971; E. J. Anderson, Menands, $35,411; A. Hearn Construction Corporation, Willimantic, Conn., $37,352; Thomas H. Kerr, Troy, $38,656.

Road No. 1274, Suffolk County, 10.50 miles: Town of Southampton, Southampton, $113,068; Eggleston & Garthwaite, Yonkers, $114,209; Galway & Co., New York, $119,635; John L. Hayes Construction Co. Inc., Yonkers, $121,776; Topeka Paving Co. Inc., Brooklyn, $122,000; Leo E. Kelly, Inc., Brooklyn, $122,730; Murray & Gardner, Center Moriches, $123,528; Parker-Hassam Paving Co., Worcester, Mass., $123,986; Borough Asphalt Co., Brooklyn, $124,086; McFarlane Construction Co., Brooklyn, $124,359; C. W. Blakeslee & Sons, New Haven, Conn., $125,143; Nordone & Petrillo, Mt. Vernon, $125,788; Juniata Co., Philadelphia, Penn., $126,316.

Road No. 1081, Washington County, 3.34 miles: John Crisorio, Albany, $27,354; F. A. Biggi, Brooklyn, $28,390; Brady-Oltarsh Construction Co., New York, $29,165; Ahearn Construction Co., Willimantic, Conn., $29,424; William L. Sherrill, Hudson Falls, $29,483; Thomas H. Kerr, Troy, $31,110; E. J. Anderson, Menands, $31,396; John A. Jova, Inc., Newburgh, $32,083; Fred E. Ellis, Melrose, Mass., $35,189.

Road No. 1223, Washington County, 5.96 miles: E. J. Anderson, Menands, $62,261; F. A. Biggi, Brooklyn, $63,490; Ahearn Construction Co., Willimantic, Conn., $64,210; Brown & Lowe Co., Schenectady, $66,010; C. W. Tryon, Boyntonville, $66,791; Brady-Oltarsh Construction Co., New York, $66,960; Criswell & Mallory, Inc., Mechanicsville, $67,589; Richard Hopkins, Troy, $67,875; Kingsbury Construction Co., Hudson Falls, $68,119; John A. Jova, Inc., Newburgh, $70,918; Fred E. Ellis, Melrose, $73,801; Thomas H. Kerr, Troy, $78,165. Noted May 6.

✚**Canastota, N. Y.**—The contract for laying 7216 sq.yd. of pavement has been awarded to DEWHURST & DE VAUL, at Utica, at $15,192.

✚**Little Falls, N. Y.**—The contract for paving Garden St. has been awarded to WARREN BROS., Boston, at $17,479.

✚**Mineola, N. Y.**—A contract for street improvements at Mineola Blvd. has been awarded to the HUMPHRY CONTRACTING CO., Freeport, at $10,000. Noted May 6.

✚**New York, N. Y.**—(Borough of Bronx)—(Official)—Contracts have been awarded for paving East 174th St. from Southern Blvd. to Bryant Ave. to the ASPHALT CONSTRUCTION CO., at $4325; for improving Exterior Ave. from East 151st St. to Jerome Ave. to J. LEOPOLD, at $14,598, and Overing St. from Westchester to Walker Ave. to DI MINNA & DI BLASIO, at $5070. Noted Apr. 29 and May 13.

New York, N. Y.—(Borough of Bronx)—(Official)—Bids will be received until 10:30 a.m., June 1, by Douglas Mathewson, Borough Pres., for repaving Morris Ave. from 161st to 164th St. and the intersections of Melrose Ave. and 153d, 154th, 156th, 158th and 162d St., for improving Austin Pl. from East 144th to 149th St. and for paving Gouveneur Pl. from Park to Washington Ave. and Commonwealth Ave. from Merrill St. to Tremont Ave.

New York, N. Y.—(Borough of Queens)—(Official)—Bids will be received until 11 a.m., June 2, by Maurice E. Connolly, Borough Pres., for improving Franklin St. from Van Alst Ave. to Woolsey St., 46th St. (National Ave.) from Jackson to Fillmore (Prometcha) Ave., 14th St. from Seventh to Eighth Ave., Eighth Ave. from 13th to 14th St., Harris Ave. from Crescent to Prospect St., Ralph St. from Brooklyn Borough line to Woodward Ave. and Steinway Ave. from Jackson to Washington Ave.

Phelps, N. Y.—Bonds for $21,000 have been sold, the proceeds of which will be used for paving Main St.

Scarsdale, N. Y.—Bonds for $75,000 have been sold, the proceeds of which will be used for improving highways in Scarsdale.

Troy, N. Y.—Bids will be received until 11 a.m., June 1, by the Board of Contract and Supply for improving Fourth St. from Fulton to Congress St. and Hoosick St. from Tenth St. to the old city line.

Union, N. Y.—Bonds for $38,900 were sold May 17, the proceeds of which will be used for improving streets.

Garfield, N. J.—The Board of Public Works plans to construct a boulevard from the Wessel Bridge at Market St. to River St.

Garfield, N. J.—The Borough Council will soon receive bids for paving Grand St. and Cambridge Ave. F. V. Romaglis is Borough Clk.

✚Jersey City, N. J.—Contracts have been awarded for paving Communipaw Ave. from Morris Canal to West Side Ave. to the VAN KEUREN SONS CO., and Wegman Parkway from Ocean Ave. to Van Cleef St. to P. REILLEY. Noted May 6.

Keyport, N. J.—The Board of Chosen Freeholders of Monmouth County, Freehold, plans to improve the road from Keyport to Morgan Station by paving with macadam.

★Rahway, N. J.—(Official)—Bids will be received until 8 p.m., June 8, by the Common Council for paving Milton Ave. from the Pennsylvania R.R. to St. Georges Ave.

Rutherford, N. J.—Bids will be received until May 28 by the town for improving Union Ave. Wise & Watson, Rutherford, is Engr.

Teaneck, N. J.—(Englewood post office)—Bids will be received until 1 p.m., May 28, by Ralph D. Earle, County Engr., Hackensack, for paving Schraabenberg Rd.

✚Easton, Penn.—The contract for repaving South Main St. with brick has been awarded to KORP & KORP, Easton, at $38,000.

Northumberland, Penn.—Press reports state that the Borough Council plans to pave one mile of Queen and Water St.

✚Pittsburgh, Penn.—The contract for paving Hamilton Ave. from Fifth to Frankstown Ave. has been awarded to the M. O'HERRON CO., at $49,000.

✚Washington, Penn.—Contracts have been awarded for road improvements as follows: Washington-Bethany Rd., REED, LIGGETT & BRITT, Washington, at $16,548; Taylor's Run Extension, THOMAS ARRIGO, Charleroi, at $18,164; West Alexander-Dunsfort Rd., WILLIAM PICKETT & CO., Washington, at $6777. Noted Apr. 29.

Baltimore, Md.—Press reports state that the Paving Commission plans to pave Lombard and Washington St.

Boydton, Va.—The Commissioners of Mecklenburg County plan to construct approximately 40 miles of road. Bonds for this purpose were sold Apr. 12. Noted Feb. 4, Mar. 4 and 25.

Houston, Va.—At a recent election the citizens of Red Bank Magisterial District, Halifax County, voted in favor of issuing $50,000 in bonds, the proceeds of which will be used for constructing and improving roads.

✚Independence, Va.—A contract for constructing four miles of graded road from Independence eastward, has been awarded to HARTMAN & ALBERT, Shawsville, Va., at $7500.

Fairmont, W. Va.—An election will be held June 21 to vote on the question of issuing $100,000 in bonds, the proceeds of which will be used for constructing roads in Fairmont District, Marion County. Noted May 13.

Grafton, W. Va.—Bids will be received until 9 a.m., June 14, by the City Commission improving a number of streets. J. M. R. Fortney is City Clk.

Parkersburg, W. Va.—Press reports state that an election will be held June 22 to vote on the question of issuing $47,500 in bonds, the proceeds of which will be used for improving roads in Wood County.

Stenly Heights, W. Va.—(Clarksburg post office)—At a recent election the citizens voted in favor of issuing $30,000 in bonds, the proceeds of which will be used for paving streets. Noted May 13.

✚Wayne, W. Va.—The contract for constructing a road between the Cabell County line and Twelve Pole has been awarded by the Commissioners of Wayne County to the BRUBAKER CONSTRUCTION CO., at $53,400.

✚Bryson City, N. C.—A contract for constructing eight miles of road in Swain County has been awarded to PHILLIPS MUNDAY, at approximately $100,000. Noted Apr. 1.

Carthage, N. C.—An election will be held June 15 to vote on the question of issuing $5000 in bonds, the proceeds of which will be used for constructing roads in Sandhills Township, Moore County.

Dobson, N. C.—Bonds for $35,000 were voted at a recent election, the proceeds of which will be used for constructing roads in Elkin Township, Surry County.

Hamlet, N. C.—The city plans to improve a number of streets and sidewalks.

Henderson, N. C.—At a recent election the citizens of Vance County voted in favor of issuing $50,000 in bonds, the proceeds of which will be used for constructing roads.

Hertford, N. C.—Press reports state that the city plans to issue $8000 in bonds, the proceeds of which will be used for street paving.

Roxboro, N. C.—At a recent election the citizens of Person County voted in favor of issuing $75,000 in bonds, the proceeds of which will be used for constructing roads in Roxboro Township.

Macon, Ga.—Bids will be received until June 1 by D. S. Jones, City Clk., for paving various streets. J. J. Gaillard is City Engr.

Ft. Myers, Fla.—At a recent election the citizens of Lee County voted in favor of issuing $177,500 in bonds, the proceeds of which will be used for constructing hard surfaced roads.

Tallahassee, Fla.—Bonds for $34,000 were voted at a recent election, the proceeds of which will be used for street paving.

✚West Palm Beach, Fla.—See item under "Sewers."

Camden, Ala.—Bids will be received until June 7 by the Commissioners of Wilcox County for constructing a part of the Selma and Mobile Rd., starting near the Dallas County line.

✚Russellville, Ala.—The contract for constructing a portion of the old Fulton Rd. from Russelville to Red Bay has been awarded to NEWELL BROS., Birmingham, at about $50,000. Noted Apr. 22.

Canton, Miss.—The Supervisors of Madison County plan to construct roads in District No. 1. Bids will be received early in July.

Raymond, Miss.—Bids will be received until June 7 by W. W. Downing, Chancery Clk., for graveling Peachtree and Hazel St.

Vicksburg, Miss.—Bids will be received until June 7 for constructing sidewalks in sections of various streets. J. J. Hayes is Mayor.

Chattanooga, Tenn.—(Official)—Bids will be received until 11 a.m., May 31, by the County Judge for constructing Lookout Mountain Pike.

Newport, Tenn.—The citizens of Cocke County voted in favor of issuing $200,000 in bonds, the proceeds of which will be used for constructing roads.

Waverly, Tenn.—The Commissioners of Humphreys County contemplate an expenditure of $225,000 for constructing 225 miles of road. Bonds for this purpose were recently voted. Noted May 13.

Cincinnati, Ohio—Bids will be received until June 18 by the Commissioners of Hamilton County for improving Ebenezer Rd. from Werk Rd. to Cleves and Bridgeton Pike, Poole Rd. from Colerain Pike to the Springfield Rd., and Winton Rd. from North Bend to Mill Rd.

Cleveland, Ohio—(Official)—Bids will be received until noon, June 2, by the Commissioner of Purchases and Supplies for improving East 72nd St. from St. Clair Ave. to the New York Central R.R.

Cleveland, Ohio—(Official)—Bids will be received until 10 a.m., June 16, by the Board of Commissioners of Cuyahoga County for improving Libbey Rd. from Broadway Ave. to Center Rd.

Cleveland Heights, Ohio—(Warrensville post office)—(Official)—Bids will be received until noon, June 7, by H. H. Canfield, Village Clk., for grading, draining and flagging Beechwood Ave.

✚Columbus, Ohio—Contracts have been awarded for paving Tenth Ave. from High St. to Neil Ave., to the ANDREWS ASPHALT PAVING CO., at $11,000; Grant Ave. from Broad to Maghten St. to the CLEVELAND TRINIDAD PAVING CO., at $11,000; Fourth St. from Hudson St. to Indianola Ave. to B. F. PATTERSON, at $13,000.

Fremont, Ohio—The lowest bid received for paving West State St. was that of Ziegler & Reardon, at $24,000.

Polk, Ohio—(Official)—Bids will be received until noon, June 21, by Frederick Harstell, Clk. of the Bd. Trustees of Jackson Township, Ashland County, for the sale of $45,000 in bonds, the proceeds of which will be used for grading, draining and macadamizing roads in Jackson Township.

✚Toledo, Ohio—(Official)—The contract for improving Copeland Blvd. has been awarded to RUSSELL & JENNISON CO., Nicholas Bldg., Toledo. Noted Apr. 15.

✚Warren, Ohio—The contract for paving Mahoning Ave. had been awarded to DENNIS & DAUGHERTY, at $21,000.

West Alexandria, Ohio—The City Council has authorized Smith & Boulay Co., Nasby Bldg., Toledo, to prepare plans for paving Dayton Ave. and Main St.

Evansville, Ind.—(Official)—All bids received Apr. 22 for improving Oak and Cherry St. and Chandler Ave. were rejected. Noted Apr. 15.

✚Indianapolis, Ind.—The contract for improving Burdsal Parkway has been awarded to the S. M. TIMBERLAKE CO., at $21,336.

Ann Arbor, Mich.—(Official)—Bids will be received until June 2 by the Board of Public Works for constructing approximately 20,000 sq.yd. of asphaltic concrete paving. Manley Osgood is City Engr.

★Sault Ste Marie, Mich.—(Official)—Bids will be received until 4 p.m., June 14, by the Board of Public Works for constructing concrete pavement on Portage Ave. from Bingham Ave. to the Portage Ave. bridge.

✚Springfield, Ill.—Bids were received May 20 by the State Highway Commission and contracts awarded for road construction as follows: Saline County, Section A, ERNEST BERNS, Terre Haute, at $9000; Edgar County, Section C, ALLEN J. BARRISH, Paris, at $2780; Henry County, Sections A and B, GROHNE CONSTRUCTION CO., Joliet, at $19,330; McHenry County, Sections C, D, E and F, C. A. WILLISTON, Chicago, at $11,370; Marion County, Section B, H. H. HALL CONSTRUCTION CO., East St. Louis, Ill., at $4890. Noted May 13.

✚Amherst, Wis.—The contract for paving Main St. has been awarded to FRED EUL, Menasha, at $9000.

✚Delevan, Wis.—A contract for paving various streets has awarded to the BIRDSALL-GRIFFITH CONSTRUCTION CO., Racine, at $28,875. Noted Apr. 15.

✚Kaukauna, Wis.—The contract for paving Wisconsin and Main Ave., Lawe and Canal St. with asphalt has been awarded to the WHITE CONSTRUCTION CO., Milwaukee, at $35,000.

Milwaukee, Wis.—Bids will soon be received for paving Grand St. from Fourth to Ninth St. with sandstone, creosote block or vitrified brick. George Staal is City Engr.

✚Milwaukee, Wis.—Contracts have been awarded by the Highway Commissioner of Milwaukee County for paving roads with concrete as follows: Lake Rd., PAUL GOLLINCK, 887 23rd Ave., Milwaukee, at $41,000; North Cape Rd., DELTA CONSTRUCTION CO., Escanaba, Mich., at $32,700; Beloit Rd., KROENING CONSTRUCTION CO., 708 Majestic Bldg., Milwaukee, at $13,700 and Layton Ave., GENERAL CONSTRUCTION CO., 857 Eighth Ave., Milwaukee, at $15,000.

Racine, Wis.—Bids will be received until 10 a.m., June 12, by the Board of Works for paving Center St. with brick. P. H. Connolly is City Engr.

Davenport, Iowa—(Official)—Bids will be received until June 1 by J. W. Crowley, Comr. Pub. Wks., for paving Ninth St. with brick. The estimated cost of the work is $7000.

Winona, Minn.—Bids will be received until 2 p.m., May 28, by C. W. Anding, Audr. of Winona County, for the sale of $30,000 in bonds, the proceeds of which will be used for constructing and improving roads.

Falls City, Neb.—Bids will be received until 1 p.m., May 29, by George Riechers, City Clk., for constructing concrete pavement in District No. 13.

✚Kalispell, Mont.—A contract for constructing concrete side-walks and curbs has been awarded to the TWO MIRACHE CORPORATION, Kalispell.

✚Angleton, Tex.—A contract for improving 30 miles of road in Road District No. 6, Brazoria County, has been awarded to W. R. HADEN & CO., Galveston, at approximately $100,000.

Austin, Tex.—An election will be held June 9 to vote on the question of issuing $425,000 in bonds, the proceeds of which will be used for street improvements.

✚Floresville, Tex.—The Commissioners' Court of Wilson County has awarded the contract for the construction of county roads to N. A. DAWSON, Austin, at $27,000.

Halletsville, Tex.—An election will be held June 29 to vote on the question of issuing $150,000 in bonds, the proceeds of which will be used for constructing roads in District No. 3, Lavaca County.

Sherman, Tex.—An election will be held June 16 in Road District No. 4, Grayson County, to vote on the question of issuing $60,000 in bonds, the proceeds of which will be used for constructing gravel roads.

Timpson, Tex.—At a recent election the citizens voted in favor of issuing $10,000 in bonds, the proceeds of which will be used for constructing concrete sidewalks.

Wichita Falls, Tex.—Press reports state that the city contemplates constructing about two miles of concrete pavement. L. C. Hinckley is Engr.

✚Longmont, Colo.—A contract for paving various streets has been awarded to JOHN LARSON, Lyons, Colo.

Miami, Ariz.—See item under "Sewers."

✚Anacortes, Wash.—The contract for paving South Commercial Ave. has been awarded to the WASHINGTON PAVING CO., Savage-Scofield Bldg., Tacoma, at $23,777.

✚Concrete, Wash.—The contract for paving West Main St. has been awarded to the SKAGIT CONSTRUCTION CO., Mt. Vernon, at $10,512. Other bids were: M. T. Chamberlain, Seattle, $11,300; M. E. Norris, Burlington, $11,078; D. H. Traphagen, Seattle, $11,570; G. L. Wentzel & Doyle, Seattle, $11,024; H. Troutman, Bellingham, $11,024; W. H. Ball, Seattle, $11,256. Noted May 6.

✚Ellensburg, Wash.—The contract for improving the Dolarway Rd. has been awarded to the WASHINGTON PAVING CO., Tacoma. Noted Apr. 22.

Newport, Wash.—Bids will be received until June 1 by the Commissioners of Pend Oreille County for improving permanent highway No. 5. Plans are being prepared by H. A. Sewell, County Engr.

Oroville, Wash.—Bids will soon be received by the City Council for constructing concrete walks and macadamizing Main, Victoria, Vancouver and Similkameen Ave. The estimated cost of the work is $11,000.

Port Townsend, Wash.—The Commissioners of Jefferson County plan to construct three miles of road on the Clallam County Highway. The estimated cost of the work is $10,000.

Seattle, Wash.—Bids will be received until June 1 by the Commissioners of King County for constructing the D. C. Mitchell Rd. near Seattle. The estimated cost of the work is $50,000.

Stevenson, Wash.—Bids will be received until June 8 by Charles H. Nellor, Audr. of Skamania County, for constructing one mile of the Stevenson-Carsen Rd. The estimated cost of the work is $18,000.

Tacoma, Wash.—The Metropolitan Park Commission is preparing plans for the construction of concrete sidewalks and seven miles of hardsurfaced roads.

✚Walla Walla, Wash.—Contracts have been awarded for paving Whitman St. to the H. L. WILSON CO., Walla Walla, at $18,975, and Palouse St. to the WARREN CONSTRUCTION CO., at $18,720. Noted Apr. 8.

Condon, Ore.—Bids will soon be received by the Commissioners of Gilliam County for hardsurfacing one mile of road. This road will connect with the city pavement.

✚Portland, Ore.—The contract for paving East Water St. from East Washington to East Oak St. has been awarded to MONTAGUE-O'REILLY CO., at $9411.

✚Brawley, Calif.—The contract for improving Main St. from Ninth to Tenth St. has been awarded to the CALIFORNIA-ARIZONA CONSTRUCTION CO., at $16,126.

✚Cucamonga, Calif.—The contract for constructing 5.523 miles of concrete highway on Archibald St. has been awarded to L. FLEMING & SON, San Geronimo, at $16,004.

✚Los Angeles, Calif.—The contract for improving Clinton St. from Andrews to Wilton Pl. has been awarded to the FAIRCHILD-GILMORE-WILTON CO., 396 Pacific Electric Bldg., at $12,288.

Los Angeles, Calif.—Bids will be received until 2 p.m., June 1, by the Board of Supervisors of Los Angeles County, for road improvements in District No. 68. The estimated cost of the work is $18,186.

✚Los Angeles, Calif.—The contract for improving Dalton Ave. from Santa Barbara to Vernon Ave. has been awarded to BRYANT & AUSTIN, at $11,276.

✚Napa, Calif.—A contract for street paving has been awarded to GEORGE ERRINGTON, at $6221.

✚Petaluma, Calif.—The City Council has awarded a contract for street paving to EATON & SMITH, San Francisco, at $14,665.

✚Redwood City, Calif.—The Board of Supervisors of San Mateo County has awarded contracts for highway construction as follows: BLANCHARD-BROWN CO., San Francisco, 8.932 miles, at $31,367; JAMES WILLISON, Redwood City, 6.005 miles, at $25,665; WRIGHTSON, ANDERSON & YOST, Redwood City, 4.23 miles, at $28,558.

✚Salinas, Calif.—The Board of Supervisors of Monterey County has awarded a contract for county highway construction to the GRANITE ROCK CO., Salinas, at $12,286.

San Mateo, Calif.—The City Trustees will soon receive bids for paving 38 blocks in the district bounded by Fifth, El Camino Real, Peninsular and D St. E. F. Early is City Clk.

San José, Calif.—(Official)—Bids will be received until 11 a.m., June 7, by Henry Pfister, Clk., Bd. of Supervisors of Santa Clara County, for constructing the San José and Alviso Rd. in Road District No. 3.

Edmonton, Alta.—Contracts will soon be awarded for paving Fortage St., the estimated cost of which is $87,000, and for laying 25 units of plank walks, which will cost approximately $60,000.

INDUSTRIAL WORKS

Portland, Maine—Plans have been prepared for the construction of an eight-story, 90x300-ft. reinforced-concrete warehouse for the Main Cold Storage & Warehouse Co. The estimated cost is $700,000.

✚Auburn, N. Y.—The Columbia Rope Co. has awarded the contract for the construction of two warehouse additions to JOHN W. FERGUSON & CO., Paterson, N. J. The estimated cost is $35,000.

Buffalo, N. Y.—The Polson Mfg. Co., 27 Chenango St., will build a two-story, 85x100-ft. reinforced-concrete factory at Main St. and Lafayette Ave. The estimated cost is $25,000.

✚Fulton, N. Y.—The Oswego Falls Pulp & Paper Co. has awarded the contract to the WALTER BRADLEY CO., for the construction of a storehouse and mill to cost $300,000.

✚New York, N. Y.—(Borough of Manhattan)—(Official)—The contract has been awarded to the RAYMOND CONCRETE PILE CO., 140 Cedar St., for concrete piling for the foundation of a warehouse for the Eagle Pencil Co., 707 East 13th St. The general contract has been awarded to CHARLES A. COWEN & CO., 1123 Broadway. Buchman & Fox, Madison Ave. and 42nd St., is Arch.

✚Rochester, N. Y.—The Erdle Perforating Co., 171 York St., has awarded the contract to ALEXANDER SHUMWAY & CO., for the construction of a 60x60-ft. factory.

Rochester, N. Y.—The Genessee Brewing Co. will build a 65x116-ft. addition to its malt-house on Rau Pl. Mortensen & Co., 405 Lexington Ave., New York, N. Y., is Arch.

Rochester, N. Y.—The Rochester Ice Cream Co. will build a three-story, 100x120-ft. reinforced-concrete factory on St. Paul St. Robert J. Reidpath, Builders Exchange, Buffalo, is Arch.

Syracuse, N. Y.—Gordon A. Wright, Arch., Dillaye Bldg., is receiving bids for the construction of a three-story, 56x80-ft. reinforced-concrete addition to the plant of the H. H. Franklin Mfg. Co., Marcellus and South Geddes St. The estimated cost is $40,000.

Harrison, N. J.—The Crucible Steel Co. of America will expend $400,000 for the construction of brick and steel additions to its plant. R. H. Illingworth is Supt. Noted Apr. 15.

Glen Olden, Penn.—The H. K. Mulford Co., 412 South 13th St., Philadelphia, Penn., will build a four-story, brick and concrete addition to its plant.

✚McKeesport, Penn.—(Official)—The National Tube Co., Frick Bldg., Pittsburgh, has awarded the contract to the RAYMOND PILE CO., 140 Cedar St., New York, N. Y., for concrete piles for foundations at its proposed plant. P. C. Patterson, 905 South Union Ave., Pittsburgh, Penn., is Ch. Engr.

Philadelphia, Penn.—Edgar V. Seeler, Arch., 1010 South Juniper St., has prepared plans for a nine-story, 95x140-ft. brick, terra cotta and steel addition to the Evening Bulletin Bldg. at Juniper and Filbert St.

Wilkes-Barre, Penn.—Nelson Bros. will build a five-story brick warehouse on Baltimore St., to cost about $10,000. Henry Maier is Arch.

York, Penn.—The American Roofing Co. has secured a site on West King St., and will build a 60x160-ft. brick and reinforced-concrete building, a 30x45-ft. boiler house, and 24x30-ft. building.

✚Washington, D. C.—The Fries, Beall & Sharpe Co., 522 Tenth St., N. W., has awarded the contract to the DAVIS CONSTRUCTION CO., Union Trust Bldg., for the construction of a seven-story brick warehouse at 734 Tenth St., N. W., to cost $35,000. C. A. Didden & Son, Corcoran Bldg., is Arch.

Wheeling, W. Va.—The John Wenzel Packing Co. will rebuild its plant recently destroyed by fire.

Ft. Thomas, Ky.—(Official)—James T. Ford, Pres., Highland Film Corporation, 402 Strand Theater Bldg., Cincinnati, Ohio, advises us that work will begin about Aug. 1 on the construction of seven two- and three-story reinforced-concrete buildings, to cover a ground area of 100 acres. The estimated cost is $750,000. Zettle & Rapp, 607 Johnston Bldg., Cincinnati, Ohio, is Arch. Noted Apr. 29.

✚Cincinnati, Ohio—The William Koehl Co., William Koehl, Pres., Jamestown, N. Y., has awarded the contract for the construction of a four-story, 100x100-ft. building on Hulbert Ave. to the FERRO CONCRETE CONSTRUCTION CO., Richmond and Harriet St.

Cleveland, Ohio—Robert T. Mitchell, Garfield Bldg., plans the construction of a six-story, 50x444-ft. warehouse on East 55th St., to cost approximately $100,000.

✚Cuyahoga Falls, Ohio—Ernest McGeorge, Engr., 853 Leader News Bldg., has awarded the contract for the construction of a plant for the Falls Rubber Co. to the AKRON STORAGE & CONTRACTING CO., at $28,250. Noted May 6.

Dayton, Ohio—The Mercantile Corporation plans the construction of a $1,000,000 plant. Howard F. Marston is Pres.

✚**Springfield, Ohio**—J. A. POSS, Springfield, has been awarded the contract for the construction of an addition to the factory of the Johnson Mfg. Co. on Miami St., to cost $15,000.

Hartford City, Ind.—The American Window Glass Co., Hartford City, will make improvements to its plant to cost about $100,000.

East St. Louis, Ill.—The Union Sand & Cement Co. will construct a sand hoisting plant, at an estimated cost of $10,000.

Eau Claire, Wis.—The Drummond Packing Co. contemplates the construction of a $75,000 cold-storage and refinery building.

✚**Ladysmith, Wis.**—H. E. Young, Gen. Mgr., Schram Mfg. Co., has awarded the contract to W. E. BOLLEY, Oshkosh, Wis., for the construction of a four-story, 60x132-ft. brick factory.

✚**Madison, Wis.**—The Gould, Wells & Blackburn Co. has awarded the contract to A. D. & J. V. FREDERICKSON, for the construction of a four-story warehouse, to cost about $40,000. Alfred C. Clas, Colby-Abbott Bldg., is Arch. Noted Apr. 15.

✚**Madison, Wis.**—The J. I. Case T. M. Co., Racine, has awarded the contract for the construction of its two-story, 100x140-ft. brick and concrete branch plant to JOHN T. BLAKE. The estimated cost is $45,000. P. M. Adams is Arch.

Milwaukee, Wis.—The Foltz Engineering Co., St. Paul, Minn., is preparing plans for a 2,500,000 bu. reinforced-concrete elevator for the Chicago & Northwestern Ry. W. W. Finley, 226 West Jackson Blvd., Chicago, Ill., is Ch. Engr.

Milwaukee, Wis.—The B. F. Johnson Soap Co., Fourth and Fowler St., will add four stories to its warehouse at Fifth and Clybown St. The estimated cost is $60,000.

✚**West Allis, Wis.**—Klug & Smith, Engr., Mack Bldg., Milwaukee, Wis., has awarded the contract for carpenter work to MADSON, CHRISTENSEN & INGBRETSON, and mason work to ROBERT L. REISINGER, for the five-story, 90x120-ft. and the one-story, 85x200-ft. brick addition to the plant of the Allis-Chalmers Mfg. Co. Noted Feb. 18.

West Allis, Wis.—The Federal Malleable Co., 64th Ave., will construct an addition to its plant.

✚**Minneapolis, Minn.**—The Allen Square Realty Co. has awarded the contract to the COWLES-VANDANAKER CO., 604 Chamber of Commerce, for the construction of a three-story, concrete warehouse at Broadway and Seventh St. The estimated cost is $35,000.

Kansas City, Mo.—Bids will be received until June 7 for the construction of a nine-story, 120x180-ft. reinforced-concrete warehouse and factory for the Ridenour-Baker Grocery Co. McKechnie & Trask, Lathrop Bldg., is Arch.

Pharr, Tex.—(Official)—A. H. Fairchild, Arch., Houston, Tex., advises us that work will soon be started on a three-story, 80x200-ft. corrugated iron, with a wooden frame, plant for the Pharr Milling Co., to cost $40,000. Noted Apr. 22.

✚**Walla Walla, Wash.**—The Oregon-Washington R.R. & Navigation Co. has awarded the contract for the construction of a brick roundhouse to MOORE BROS. Estimated cost, $30,000.

Portland, Ore.—Mason, Ehrman & Co. will build a three-story warehouse at 15th and Overton St., to cost $35,000. Doyle & Paterson is Arch.

✚**Oakland, Calif.**—The City Council has awarded the contract for a 91x402-ft. warehouse at Jefferson and Grove St. to DYER BROS., 17th and Kansas St., at $14,406.

San Francisco, Calif.—Plans for the addition to the plant of the Merchants Ice & Cold Storage Co. at Lombard and Sansome St., have been revised by E. Kollofrath, Arch., 560 Belvedere St. One building will be constructed, instead of two, and the cost will be approximately $75,000.

✚**San Francisco, Calif.**—The Western Sugar Refinery Co. has awarded a contract for the construction of a refinery building at 23rd and Louisiana St. to the LINDGREN CO., at $126,000. Noted Dec. 31, Jan. 21 and Mar. 18.

Ridgetown, Ont.—The Ridgetown Milling Co. contemplates rebuilding its mill which was recently destroyed by fire with a loss of $30,000. A. S. Blight is Mgr.

FEDERAL GOVERNMENT WORK

Extension to Post Office—Concord, N. H.—Bids were received May 17 by the Supervising Architect, Treasury Dept., Washington, D. C., for the construction of an extension and for alterations to the post office at Concord, as follows: Westchester Engineering Co., White Plains, N. Y., $54,155; C. M. Leach, Boston, Mass., $47,883; Frank M. Weakley, Canton, Ohio, $56,231 and James Miles & Son Co., Worcester, Mass., $42,987. Noted Apr. 15.

Locomotive Crane—Boston, Mass.—Bids will be received until 11 a.m., June 12, by H. R. Stanford, Ch., Bureau of Yards and Docks, Navy Dept., Washington, D. C., for furnishing one locomotive crane at the Boston Navy Yard. Noted Jan. 28.

Pattern Shop Floor—Boston, Mass.—Bids were received May 15 by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for furnishing the steelwork for a pattern shop floor, Building 42 E, Boston navy yard, as follows: Belmont Iron Works, Philadelphia, Penn., $7897; New England Structural Co., Boston, Mass., $7455; Chesapeake Iron Works, Baltimore, Md., $7436; Penn Bridge Co., Washington, D. C., $7935 and American Bridge Co., Baltimore, Md., $7375. Noted Apr. 29.

★**Wharves**—Woods Hole, Mass.—Bids will be received until noon, June 12, by Col. John Millis, Newport, R. I., for rebuilding wharves and building a new sea wall and coal house at the U. S. Bureau of Fisheries Station.

Post Office—Mt. Vernon, N. Y.—Bids will be received until 3 p.m., June 24, by James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., for the construction complete of the U. S. post office at Mt. Vernon.

★**Riprap**—New York, N. Y.—Bids will be received until noon, June 25, at the U. S. Engineer Office, Room 707, Army Bldg., New York, for furnishing and placing riprap and repairing sea wall at Governors Island, New York Harbor.

★**Riprap**—Sandy Hook, N. J.—(Ft. Hancock post office) Bids will be received until noon, May 29, by Col. Frederick V. Abbot, Army Bldg., Whitehall St., New York, N. Y., for riprap stone for repair and enlargement of sea wall at south end of U. S. lands at Sandy Hook.

★**Substructure**—Erie Harbor, Penn.—Bids will be received until 11 a.m., June 19, by Capt. L. V. Frazier, Federal Bldg., Buffalo, N. Y., for constructing a concrete substructure at north pier, Erie Harbor.

★**Machinery**—Washington, D. C.—Bids will be received until 2 p.m., June, 8, by B. Sweeney, Dept. of the Interior, for furnishing stokers, coal and ash handling machinery and other appliances for a power house.

✚**School**—Washington, D. C.—The contract has been awarded by the Commissioners of the District of Columbia to the MELTON CONSTRUCTION CO., Washington, at $121,000, for constructing school No. 175. Noted Apr. 8 and 22 and May 20.

✚✚**Sewers**—Washington, D. C.—The contract has been awarded for the construction of Arizona Ave. trunk sewer to WARREN F. BRENIZER CO., Washington, D. C., at $18,621. Noted May 6 and May 20.

★**Sewer**—Washington, D. C.—Bids will be received until 2 p.m., June 3, by the Commissioners of the District of Columbia, for constructing about 600 ft. of trunk sewer.

★**Post Office and Courthouse**—Charlotte, N. C.—Bids will be received until 3 p.m., July 2, by James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., for constructing complete a post office and courthouse at Charlotte.

★**Bank Protection Work**—Augusta, Ga.—Bids will be received until noon, June 21, by Col. W. C. Langfitt, U. S. Engineer Office, Cavannah, for making repairs to bank protection of the Savannah River.

✚**Post Office**—Pensacola, Fla.—The contract for extension and betterments to the post office at Pensacola has been awarded to ALGERNON BLAIR, Montgomery, Ala., at $23,813. Noted Mar. 25 and May 6.

✚**Building**—Pensacola, Fla.—The contract has been awarded to HENRY MONK, Pensacola, at $9205, for constructing a toilet building and alterations to other buildings. Noted Apr. 22 and May 20.

Post Office—Laurel, Miss.—Bids were received May 18 by the Acting Supervising Architect, Treasury Dept., Washington, D. C., for the construction of a post office at Laurel, as follows: (a) limestone, (b) sandstone: C. O. Eure, Hattiesburg, (a) $70,482, (b) $71,782; R. P. Farnsworth & Co., Owensboro, Ky., (a) $74,000; John G. Unkefer & Co., Minerva, Ohio, (a) $68,065; Algernon Blair, Montgomery, Ala., (a) $76,185, (b) $78,500; Callahan-Mandl Construction Co., Chicago, Ill., (a) $74,318, (b) $75,500; Colonial Construction & Supply Co., Charlottesville, Va., (a) $73,464, (b) $76,138; Dabbs & Wetmore, Meridian, (a) $76,237, (b) $76,834; W. H. Fissell & Co., New York, N. Y., (a) $70,700, (b) $75,700; George A. Shaul, Seneca, Kan., (a) $71,264; George W. Stiles Construction Co., Chicago, Ill., (a) $74,829; Burke's Construction Co., Hattiesburg, (a) $72,274 and Dieter & Wenzel Construction Co., Wichita, Kan., (a) $77,987. Noted Apr. 15.

★**Structural Metal**—Vicksburg, Miss.—Bids will be received until noon, June 15, by the U. S. Engineer Office, Vicksburg District, Vicksburg, for furnishing steel lock gates, valves, Poiree trestles and operating machinery.

Building—New Orleans, La.—Bids were received May 15 by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for the construction of a one-story frame dwelling for chief operator and a one-story frame dormitory for wireless operators at the naval station, New Orleans, as follows: T. J. Taylor, New Orleans, $8685; H. W. Bond & Bro., New Orleans, $6700; C. O. Eure, Hattiesburg, Miss., $7418; Henry Monk, Pensacola, Fla., $11.450. Noted Mar. 4.

★**Power House**—Ashland, Ky.—Bids will be received until 2 p.m., June 15, by Lieut.-Col. H. Jervey, U. S. Engineer Office, Cincinnati, Ohio, for building a power house at Dam No. 29, Ohio River, near Ashland.

★**Steel Hull**—Louisville, Ky.—Bids were received May 19 by Maj. J. C. Oakes, U. S. Engineer Office, Louisville, for a steel hull for dredge "Nolin River" as follows: Edward J. Howard, Jeffersonville, Ind., $9956; Dravo Contracting Co., Pittsburgh, Penn., $9375; American Bridge Co., Union Trust Bldg., Cincinnati, Ohio, $9889; Milwaukee Bridge Co., Milwaukee, Wis., $10,832; Charles Ward Engineering Works, Charleston, W. Va., $14,750; Dubuque Boat & Boiler Works, Debuque, Iowa, $10,888; Pittsburgh-Des Moines Steel Co., Pittsburgh, Penn., $11,125; Charles Hegewald Co., New Albany, Ind., $9799. Noted Apr. 29.

Post Office—Alliance, Ohio—The Acting Supervising Architect of the Treasury, Washington, D. C., has rejected all bids received Mar. 1, for the construction of a post office at Alliance. The lowest bidder, E. T. Abbott Construction Co., New York, N. Y., bid $77,500, for the construction of the building, while the amount available for the work was $107,000. Plans and specifications are being prepared for a building to be of all stone construction instead of brick and stone as under the earlier specifications. Noted Jan. 21 and Mar. 18.

✚**Post Office**—Toledo, Ohio—The contract for extension to the post office has been awarded to the BRIGHT CONSTRUCTION CO., Toledo, at $15,529, not including work on the third and fourth stories. Noted Mar. 18 and Apr. 29.

★**Cribs and Superstructure**—Harbor Beach, Mich.—Bids were received May 20 Lieut.-Col. Mason M. Patrick for constructing and placing two timber cribs and replacing with concrete timber superstructure at the breakwater as follows: Burk, Smith & Nelson, Muskegon, $64,787; John Ginzel, Detroit, $66,109; Greiling Bros. Co., Green Bay,, Wis., $73,935; William J. Meagher & Co., Bay City, $73,998; Great Lakes Dredge & Dock Co., Chicago, Ill., $78,336; Candler Dock & Dredge Co., Detroit, $90,471. Noted Apr. 15 and 29.

★**Stone Riprap**—Harbor Beach, Mich.—Bids were received May 19 by Lieut.-Col. Mason M. Patrick, Detroit, for furnishing and placing stone riprap at the breakwater, Harbor Beach as follows: William J. Meagher & Co., Bay City, $63,750; Coast & Lakes Contracting Corporation, New York, N. Y., $66,000; Greiling Bros. Co., Green Bay, Wis., $92,000; D. L. Taylor & Co., Inc., Medina, N. Y., $92,500; Great Lakes Dredge & Dock Co., $93,500 and Edward Gillen Dock, Dredge & Construction Co., Racine, Wis., $146,000. Noted Apr. 15 and 29.

✚**Dredging**—Keweenaw Bay, Mich.—The contract has been awarded to the ZENITH DREDGE CO., Duluth, Minn., at $51,945, for dredging in Ontonagon Harbor. Noted Apr. 29 and May 20.

Canal Work—Saco, Mont.—Bids were received May 12 by A. P. Davis, Ch. Engr., U. S. Reclamation Service, Malta, for canal work as follows: James O'Connor, Dodson, $15,615; Dooling Bros., Tampico, $15,800; W. J. Hoy Co., St. Paul, Minn., $17,850; Charles Wilhite & Co., Malta, $18,585; Jurgens & Knipe, Glasgow, $18,785 and Crandall Bros., Carmangay, Alta., Canada, $15,410. Noted Apr. 15.

★**Building**—Ft. Sam Houston, Tex.—Bids will be received until 11 a.m., June 4, by Constructing Quartermaster for constructing the commanding officers' quarters, barracks and stable.

Post Office—Park City, Utah—The Acting Supervising Architect, Treasury Dept., Washington, D. C., has rejected all bids received for the construction of a post office at Park City as they were in excess of the amount available. Noted Apr. 8 and May 20.

★**Reclamation Work**—Provo, Utah—Bids will be received until 2 p.m., June 16, by A. P. Davis, Ch. Engr., U. S. Reclamation Service, Provo, for reclamation work.

✚**Bridge**—Ashford, Wash.—The contract has been awarded to M. HUGH & CREELMAN, Tacoma, for constructing a concrete bridge over Tahoma Creek, Mt. Rainier Park. Noted Apr. 22.

Building—Marshfield, Ore.—Bids were received May 19 by the Captain Commandant of the Coast Guard Service, Washington, D. C., for the construction of a Coast Guard station, keeper's quarters and accessories, launchway and jetty on the south side of the channel at Coos Bay, Ore., as follows: E. T. Terhan, $29,900; S. C. Small, $35,624; John William Hillstrom, $29,500; Hibarger & Telander, $39,286; Johnson, Larson & Payne, $29,848; McLain, McLain & Wright, $37,950; John Monk, San Francisco, Calif., $40,000; Thomson Bridge Co., San Francisco, Calif., $35,600; Fish, Tlymale & Steinhoff, Bandon, Ore., $62,600; Miami Quarry Co., Portland, Ore., $46,540; R. McLean and C. H. Peterson, San Francisco, Calif., $31,075; Buckley Construction Co., Portland, Ore., $14,675 (part). Above bidders of Marshfield, Ore., unless otherwise specified.

Dredging—San Francisco, Calif.—Plans and specifications are being prepared by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for dredging and extension to wharf at San Francisco.

MISCELLANEOUS

✚**Dredging**—Boston, Mass.—The contract for dredging Bass River, Dennis, Yarmouth and Deacon's Pond Harbor has been awarded to the EASTERN DREDGING CO., 172 Condor St., East Boston, at about $25,000. Noted Apr. 2 and Apr. 22.

Park Improvements, Etc.—Boston, Mass.—According to press reports the city contemplates issuing $250,000 in bonds for improvements to Ronan Park, Dorchester District, and the playground in Ward No. 19. James Donovan is City Clk.

Sea Wall—Boston, Mass.—The following bids for the construction of a sea wall at Vineyard Haven Harbor were received by the Harbor and Land Commissioners: Herbert N. Hinckley, Vineyard Haven, $6.75 per cu.yd.; Dennis F. Crowley, 658 Adams St., East Milton, $6.80; A. Williams & Co., 3 Cotting St., Boston, $7.45; John R. Burke, 78 Devonshire St., Boston, $7.64; Susi & Williams, 3 North Sq., Boston, $8.51; Cavanagh Co., 166 Devonshire St., Boston, $8.74; James H. Norton, Vineyard Haven, $9; Benjamin C. Cromwell, Vineyard Haven, $10; George T. Rendle, 270 Condor St., East Boston, $10; Coast & Lakes Contracting Corporation, 41 Broad St., New York, $10.79; James H. Connolly, Hyannis, $14.10. William F. Williams, State House, is Ch. Engr.

Fire Escapes—Boston, Mass.—Bids will be received until June 1 by the School Commissioners, 1009 City Hall Annex, for erecting fire escapes on three public schools.

Cable—Boston, Mass.—Bids will be received until June 2 by the Fire Department for furnishing about 60,000 lin.ft. of rubber insulated lead-covered cable. John Grady, Bristol St., is Fire Comr.

Sea Wall—Boston, Mass.—(Official)—Bids will be received by the Board of Harbor and Land Commissioners until 11 a.m., June 2, for the construction of a sea wall on the east bank of the Connecticut River. William F. Williams is Ch. Engr.

Motor Fire Apparatus—Malden, Mass.—The City Council has passed a resolution to appropriate $35,000 for the purchase of motor fire apparatus.

Motor Fire Apparatus—Quincy, Mass.—(Official)—Bids will be received by Chester I. Campbell, Mayor, until noon, May 29, for furnishing two auto fire trucks.

★**Refrigeration Equipment**—Beacon, N. Y.—(Official)—Bids will be received by John B. Riley, Supt. of Prisons, Capitol, Albany, until 2:30 p.m., June 2, for refrigeration equipment for the storehouse at the Matteawan State Hospital, Beacon. Lewis F. Pilcher, Albany, is State Arch.

Subway Station—New York, N. Y.—(Borough of Brooklyn)—(Official)—Bids will be received by the Public Service Commission, 154 Nassau St. (Borough of Manhattan), until 12:15 p.m., May 28, for the construction of the station finish of the Fourth Ave. subway, a part of the Broadway-Fourth Ave. Rapid Transit R.R. from center of Flatbush Ave. extension to a point on Fourth Ave., about 150 ft. south of 42d St.

✚**Plaza**—New York, N. Y.—(Borough of Brooklyn)—(Official)—The contract has been awarded by Cabot Ward, Pres., Park Bd., Municipal Bldg., for the reconstruction of the Prospect Park Plaza at Ninth Ave. and 15th St., to WARD & TULLY, INC., West 20th St. (Borough of Brooklyn), at $13,586. Noted May 6 and 20.

✚**Locomotive Cranes**—New York, N. Y.—(Borough of Manhattan)—(Official)—The contract has been awarded by the Department of Street Cleaning for furnishing and delivering four locomotive cranes to the DAVENPORT LOCOMOTIVE WORKS, 50 Church St., New York, N. Y., at $12,000. Noted Apr. 29 and May 20.

✚**Trailers**—New York, N. Y.—(Borough of Manhattan)—(Official)—The contract has been awarded by J. T. Fetherston, Comr., Dept. of Street Cleaning, Municipal Bldg., for furnishing and delivering 11 trailers to CHARLES HAVAS & CO., INC., 509 East 18th St., New York, at $8910.

✚**Pumping Engines**—New York, N. Y.—(Borough of Manhattan)—The contract has been awarded by the Fire Department for furnishing and delivering six self-propelled gasoline pumping engines to the AHRENS FOX FIRE ENGINE CO., Cincinnati, Ohio, at $43,338. Noted Apr. 15.

✚**Motor Trucks**—New York, N. Y.—(Borough of Manhattan)—(Official)—The contract has been awarded for furnishing and delivering 12 motor driven city service hook and ladder trucks to the INTERNATIONAL MOTOR CO., West End Ave. and 64th St., at $52,152. Noted Apr. 22 and May 6.

Track Materials—New York, N. Y.—(Borough of Manhattan)—(Official)—Bids will be received until 12:15 p.m., June 11, by the Public Service Commission, 154 Nassau St., for furnishing track materials for use in the construction of the Rapid Transit Railroads.

Screens—New York, N. Y.—(Borough of Manhattan)—(Official)—Bids have been received for constructing and installing fly screens on windows, transoms and doors of certain buildings under the jurisdiction of the Department of Public Charities. The following bids are for work included under titles "A" and "B": Frank Droesch, (B) $25,990; Theriault Mfg. Co., (B) $18,913; Louis Weschler, (A) $42,600, (B) $19,800; William H. Jamouneau Co., 582 Broad St., Newark, N. J., (A) $33,750, (B) $15,839; Protector Ventilator Co., (B) $27,970. Noted May 13.

★**Steam Roller**—New York, N. Y.—(Borough of Queens)—Bids will be received by Maurice E. Connolly, Borough Pres., until 11 a.m., June 2, for furnishing and delivering one steam roller in the borough.

Screen Work—New York, N. Y.—(Borough of Richmond)—(Official)—The following are the bids received for the installation of certain screen work on the windows and balconies of various buildings of the Sea View Hospital: Protective Ventilator Co., 110 West 32nd St., $11,777; W. H. Jamouneau Co., $13,650; Louis Weschler, $18,500; Theriault Mfg. Co., $13,989; C. L. Dooley, Inc., $16,852. Noted May 13.

Park Improvements—Syracuse, N. Y.—The Common Council has passed an ordinance to issue $93,000 in bonds for park improvements. W. T. Wooley is City Engr.

✚**Dredging**—Atlantic City, N. J.—The contract for dredging portions of Clam Creek and Delta Basin has been awarded to the HILL DREDGING CO., Atlantic City, at .134c. per cu.yd. The work requires the dredging of about 103,800 cu.yd. Noted May 6.

✚**Tank Steamer**—Camden, N. J.—The contract for the construction of a new tank steamer for the Petroleum Transportation Co. has been awarded to the NEW YORK SHIPBUILDING CO., at about $1,000,000.

Park Improvements—Newark, N. J.—The Board of Freeholders has approved of a bond issue for $250,000 to be used by the Essex County Park Commission for an addition to West Side Park and improvements on the South Mountain Reservation. Noted May 20.

Elimination of Grade Crossings—Perth Amboy, N. J.—Samuel J. Mason, City Survr., and associate engineers have presented a report to the Board of Aldermen estimating the cost of the elimination of five railroad grade crossings as follows: by depression, $900,000; by elevation, $300,000. The report will be tendered to the Board of Public Utility Commissioners.

★**Shore Protection Work**—Stone Harbor, N. J.—(Official)—Bids will be received by the Borough Council until 8 p.m., June 7, for shore protection work at Stone Harbor. Harry E. Weir, Wildwood, N. J., is Engr. and Leo F. McCraven is Borough Clk.

River Wall—Johnstown, Penn.—According to press reports, A. B. Curry, Borough Engr., has prepared plans for the construction of a river wall along River Ave.

Tunnel—Pittsburgh, Penn.—Bids will soon be received by the County Commissioners for building a traffic tunnel through Mount Washington to the South Hills.

Drainage—Toccoa, Ga.—Press reports state that the Broad River Drainage District will be established in Stephens County. The district will lie between Hayes Bridge, Stephens County, and Jackson's Mill Bridge, Jackson County, a distance of 16 miles. The cost would be about $100,000.

Docks, Etc.—Jacksonville, Fla.—Press reports state that A. D. Mendenhall is making preliminary surveys for the Cochman-Taliaferro-Cummers interests at Commodore Point. Docks, warehouses, freight yards, etc., are contemplated.

✚**Sea Wall**—West Palm Beach, Fla.—The contract for the construction of a sea wall has been awarded to JONAS & GARRETSON, West Palm Beach, at $36,598. The J. B. McCrary Co., Atlanta, Ga., is Engr. Noted May 6.

✚**Levee Work**—Clarksdale, Miss.—The contract for laying about 138,000 sq.yd. of concrete 3 in. thick on the river side slope of the levee has been awarded to W. R. ELLIS, Clarksdale, at $57,205. J. B. Ferguson is Engr. Noted Apr. 15.

Drainage—Corinth, Miss.—The Alcorn County Drainage Commissioners plan to issue $12,000 in bonds for work in the Chambers Creek Drainage District. Ely B. Mitchell, Corinth, is Attorney.

Levee Work—Vicksburg, Miss.—Bids will be received by Commissioner of the Third Mississippi River District, P. O. Box 404, Vicksburg, Miss., until 11 a.m., June 5, for constructing about 660,000 cu.yd. of levee enlargement.

Drainage—Darrow, La.—The following are the bids received for drainage in the Bayou Conway Drainage District: Picard, Buckmaster & Weil, New Orleans, 6.49c. per cu.yd., A. J. Brumbaugh, 7.5c.; D. B. Gore & Co., 7.73c.; R. H. & G. A. McWilliams, 7.9c. Noted Apr. 15.

Drainage—Gueydan, La.—The Guedan Drainage Board plans to drain and reclaim 85,000 acres of land, at an approximate cost of $150,000.

Dredging—Lake Charles, La.—The City Commission has passed a resolution for dredging Pithon Coulee, North Ryan St. Coulee and Griffith Coulee.

Boilers—New Orleans, La.—See item under "Light, Heat and Power."

★**Cranes and Elevator**—New Orleans, La.—(Official)—Bids will be received by the Board of Commissioners, Port of New Orleans, New Orleans Court Bldg., until 8 p.m., June 9, for furnishing and erecting 15 or more electric traveling cranes, two transfer cranes and one crane transfer and elevator for the cotton warehouses and terminal. Ernest M. Loeb is Pres.

Dredging—Trenton, Tenn.—Bids will be received until June 9 by the Directors of Drainage District No. 2 for dredging about 1,158,368 cu.yd. of earth. W. W. Powers is Chn.

Fire Station—Columbus, Ohio—The Finance Committee of the City Council has approved the plan to build a fire station at Fifth and Cleveland Ave. at a cost of $52,000.

Drain—Hastings, Mich.—According to press reports, the Commissioners of Barry County will soon begin the construction of Gun River Drain. The drain will be 10 miles long, 30 ft. wide and from 6 to 10 ft. deep.

Excavation and Supplies—Madison, Wis.—W. G. Kirchoffer, 22 North Carroll St., is in the market for a cableway, orange-peel bucket and hoisting engine, new or used. He also would like to correspond with contractors wishing to bid on work involving 40,000 to 80,000 yd. of excavation.

Docks and Dredging—Milwaukee, Wis.—The City Council has decided to issue bonds for $150,000 for dredging and for the construction of docks.

Drainage—Thiensville, Wis.—Construction work will start in June on about six miles of drainage ditches in Ozaukee and Sheboygan Counties for the Belgium-Holland Drainage District. The estimated cost is $18,000. C. F. Levins, West Bend, Wis., is Comr.

Drainage—Clarion, Iowa—Bids will be received by F. E. Osier, County Audr., until 2 p.m. June 1, for the construction of Drain No. 101.

Ditch—Webster City, Iowa—Bids will be received by A. J. Paterson, County Audr., until 1:30 p.m., June 7, for constructing Ditch No. 171.

✚**Ditch**—St. James, Minn.—It is reported that the contract for constructing Judicial Ditch No. 9 has been awarded to G. CHRISTENSEN, Clear Lake, Iowa, at $31,650. Noted Apr. 22.

✚**Canal**—St. Paul, Minn.—The contract for deepening the Roseau River has been awarded by the State Drainage Board to the CENTRAL DREDGING CO., Cleveland, Ohio. Noted Feb. 18.

Park Improvements—Lincoln, Neb.—The city plans to issue $50,000 in bonds for park improvements. Adna Dobson is City Engr.

Fire Alarm System—Omaha, Neb.—The city contemplates the installation of a fire alarm system at an estimated cost of $75,000.

Improvements to Fire Department—Temple, Tex.—The citizens will vote June 1 on the question of issuing $40,000 in bonds for improvements to the fire department.

✚**Levee**—Waxahachie, Tex.—The contract for constructing levee on Chambers Creek has been awarded by T. H. Harbin to L. M. HORTON, Ennis, Tex. Noted May 6.

Dike—Cathlamet, Wash.—According to press reports the citizens on Puget Island will soon vote on a bond issue for the purpose of building 15 miles of dikes around the Island. The estimated cost is $150,000. G. A. Kyle, Spaulding Bldg., Portland, Ore., is Engr.

Drainage—Granger Wash.—The County Commissioners, North Yakima, have organized Drainage District No. 27 and plan to drain about 1300 acres of land at a cost of $18,181.

Drainage—North Yakima, Wash.—Bids will be received until 2 p.m., May 28, by C. E. Barrett, County Audr., for installing about 11,800 ft. of clay or concrete pipe in Drainage District No. 24.

Cement—Seattle, Wash.—Bids will be received by the County Commissioners until June 7 for furnishing about 200,000 bbl. of portland cement, delivery to be made as required.

✚**Repairs to Dry Dock**—Portland, Ore.—The contract for repairs and changes to the pontoons on the public dry dock at St. John is reported to have been awarded to J. R. McALLISTER & SON, Lewis Bldg., at $33,950 and $35,000. Other bidders were: Columbia River Ship Co., Portland, $34,890, $36,490; St. Helens Ship Building Co., St. Helens, Ore., $37,200, $38,700; Anderson & Crowe, Portland, $33,600, $35,100; Portland Ship Yards, Portland, $36,900, $38,900. Approximately 760,000 ft. of lumber will be required in the work. Noted May 20.

Embankment—Portland, Ore.—The following bids were received by the Interstate Bridge Commission, Multnomah County Court House, for embankment work and for incidental structures in connection with the new Interstate Bridge between Portland, Ore., and Vancouver, Wash., across the Columbia River: Standard American Dredging Co., Oakland, Calif., $112,988; Tacoma Dredging Co., Tacoma, $137,390; Pacific Bridge Co., Portland, $139,500. Noted Apr. 22.

Drainage—Salem, Ore.—The County Court has approved of the organization of the G. A. Miller Drainage District No. 1. In this district it is planned to reclaim about 200 acres of land. A ditch, five miles long, will be constructed at a cost of $10,000.

Pier—Long Beach, Calif.—The Board of Public Works will soon receive bids for the construction of the Belmont Pier. There is $48,000 available for the completion of the work. John Schultz is Consult. Engr.

Fire Apparatus—Turlock, Calif.—This city plans to spend about $15,000 for fire apparatus.

Levee Work—Washington, Calif.—The citizens have voted to issue $10,000 in bonds for raising and widening the levees.

Crane—Halifax, N. S.—Bids will be received by the Department of Naval Service, Ottawa, until July 1, for the manufacture and erection at the Halifax dockyard of a 30-ton steam wharf crane of the derricking jib type. Specifications may be had at office of the Consulting Naval Engineer, Ottawa.

BUILDINGS

Other items relative to Building Construction will be found under the following heads: "Industrial Works;" "Federal Government Work" and "Miscellaneous"

✚**Ashburnham, Mass.**—H. WALES LINES CO., Meriden, Conn., has been awarded the contract for a three-story, 103x120-ft., brick and steel dormintory at Cushing Academy. Frank Irving Cooper Corporation, 33 Cornhill, Boston, Mass., is Arch. Noted May 6.

✚**Boston, Mass.**—(Official)—JOHN F. GRIFFIN CO., 17 Milk St., has been awarded the contract for the construction of the St. Ambrose Church. W. H. McGinty, 101 Tremont St., is Arch. Noted May 20.

✚**Worcester, Mass.**—(Official)—George C. Halcott, Supt. of Pub. Bldgs., Room 35, City Hall, has awarded the contract for the construction of a three-story addition to the Cambridge St. School No. 2, to J. W. BISHOP CO., Foster St. Other bidders were: James Miles & Son Co., $41,610; Ernest Whitehead, $42,020; E. D. Ward, $42,573; L. Rocheford & Son, $42,970; Eli Belisle, $43,295. Noted Apr. 29.

✚**Worcester, Mass.**—(Official)—George C. Halcott, Supt. of Pub. Bldgs., Room 35, City Hall, has awarded the contract for the construction of an addition to the North High School to ISREAL GOLDMAN, 34 Jefferson St., at $199,985. Noted Apr. 22.

✚**New London, Conn.**—(Official)—J. A. DOLAN & CO., 83 State St., has been awarded the heating and plumbing contract for the new almshouse, at $43,307. Other bidders were: George S. Gadbois, $51,000. H. R. Douglas, Inc., $51,376. James Sweeney, 140 State St., is Arch.

Binghamton, N. Y.—Plans prepared by S. O. Lacey, 415 Phelps Bldg., for the construction of two three-story schools at Binghamton, have been approved by the Board of Education. The estimated cost is $100,000. Noted Sept. 10.

New York, N. Y.—(Borough of Bronx)—Plans have been prepared by Sommerfield & Steckler, Arch., for the construction of a two-story synagogue at Stebbins Ave. near 163d St. for the Sinai Congregation. Estimated cost, $75,000. William Daub, is Pres.

✚**New York, N. Y.**—(Borough of Bronx)—(Official)—The contract for the construction of a one-story, 92x145-ft. church on 138th St. and Cypress Ave. for the St. Luke's Church has been awarded to McDERMOTT & HANIGAN, 103 Park Ave., New York. Estimated cost, $100,000. Noted May 13.

✚**New York, N. Y.**—(Borough of Bronx)—(Official)—The contract for the construction of two apartment houses on Woodycrest Ave. near 164th St. for the Woodycrest Bldg. Corporation, has been awarded to McDERMOTT & HANIGAN, 103 Park Ave., New York. Estimated cost, $90,000.

New York, N. Y.—(Borough of Brooklyn)—Plans are being prepared by C. B. J. Snyder, Supt. of School Bldgs., 500 Park Ave., New York, for the construction of an addition to Public School No. 89 at East 31st St. and Newkirk Ave. The estimated cost is $50,000.

New York, N. Y.—(Borough of Brooklyn)—Bids will be received about May 28 by Seymour & Schonewald, Arch., Grand Central Terminal Bldg., New York, for the construction of a six-story, 50x125-ft. department store at Fulton and Smith St. for Balch, Price & Co., 376 Fulton St. Estimated cost, $75,000.

✚**New York, N. Y.**—(Borough of Brooklyn)—P. J. CARLIN CONSTRUCTION CO., 1123 Broadway, New York, has been awarded the contract for the construction of a building on Classon Ave. between Madison St. and Putnam Ave. for the Church of the Nativity. The estimated cost is $150,000. Noted Apr. 8.

New York, N. Y.—(Borough of Brooklyn)—Bids will be received about June 1 by John P. Benson, Arch., 331 Madison Ave., New York, for the construction of a two-story theater at Flatbush Ave. and Courtelyou Rd. for Picker & Bennett. Estimated cost, $200,000.

✚**New York, N. Y.**—(Borough of Manhattan)—The contract for the construction of a 100x225-ft. church at Lexington Ave. and 66th St. for the Church of St. Vincent de Ferrer has been awarded to JOHN T. BRADY & CO., 103 Park Ave., New York. Estimated cost, $650,000. Noted Apr. 22.

New York, N. Y.—(Borough of Manhattan)—Neville & Bagge, Arch., 105 West 40th St., has prepared plans for the construction of a 12-story apartment house at 321 West End Ave. and for the Charmion Construction Co., 2309 Broadway. The estimated cost is $500,000.

New York, N. Y.—(Borough of Manhattan)—Plans are being prepared by Charles A. Rich and F. Mathesius, Jr., Assoc. Archs., 320 Fifth Ave., for the construction of a five-story, 200x200-ft. students' building at 119th St. between Broadway and Claremont Ave. for Barnard College.

New York, N. Y.—(Borough of Manhattan)—Bids will be received about June 12 by Harry Allen Jacobs, Arch., 320 Fifth Ave., for the construction of a five-story clubhouse at 106 West 48th St. for the Friars Club, 107 West 45th St. George M. Cohan is Pres. The estimated cost is $130,000.

New York, N. Y.—(Borough of Manhattan)—(Official)—Bids have been received for completing the abandoned contract of the Tower Construction Co., for the alterations to the powerhouse and ambulance station of the Harlem Hospital, Lenox Ave., 136th and 137th St., as follows: William Werner, 657 Vanderbilt Ave., Brooklyn, $45,626; Joseph Kresse Co., 1133 Broadway, New York, $46,900; Louis Weschler, $47,185; Andrews Building Co., Inc., Times Bldg., New York, $46,844; William H. Egan, Lexington Ave. and 125th St., New York, $46,466; J. F. Brennen, $46,850. Noted May 13.

New York, N. Y.—(Borough of Manhattan)—Plans have been prepared by Younger & Wagner, Inc., Arch., for the construction of a six-story apartment house at Riverside Drive and 161st St. for the Melvin Construction Co., Inc. The estimated cost is $750,000.

✚**New York, N. Y.**—(Borough of Manhattan)—(Official)—The contract for the foundation work on the building at Fifth Ave. and 31st St. for the 302 Fifth Ave. Co., 3785 Broadway, has been awarded to the UNDERPINNING & FOUNDATION CO., 290 Broadway, New York. Noted Apr. 22.

✚New York, N. Y.—(Borough of Manhattan)—(Official)—CLARK & APPLEMAN, 419 East 16th St., New York, has been awarded the contract for the construction of additions and alterations to the St. Cyrillus and Methodius Church, at 552 West 50th St. Ambrose Sirca, is Pastor and Frederick J. Schwartz is Arch.

New York, N. Y.—(Borough of Queens)—Bids will be received about June 1 by A. Wallace McCrea & Co., Arch., 23 East 15th St., New York, for the construction of a one-story, 25x100-ft. bank building for the Bank of Long Island. The estimated cost is $50,000. Noted Apr. 22 and May 13.

Syracuse, N. Y.—Bids will be received about June 1 for the construction of a two-story reinforced-concrete school. The estimated cost is $200,000. James A. Randall, 705 S. A. & K. Bldg., is Arch. and Thomas Wooley, City Hall, is City Engr.

Syracuse, N. Y.—Bids will be received until 11 p.m., June 1, by Albert E. Larkin, Pres., Bd. of Education, for the construction of a one-story gymnasium and swimming pool in the rear of the vocational school on Seneca St. near Tully St. Estimated cost, $50,000. Merrick & Randall, 705 S. A. & K. Bldg., is Arch.

Troy, N. Y.—Lawlor & Haase, Arch., 59 Wall St., New York, is preparing plans for the construction of a dining hall and six dormitories at 15th Ave., Ave. D and the Campus, for the Rensselaer Polytechnic Institute. The estimated cost is $200,000. Palmer C. Ricketts is Pres. Bids will be received about July 13.

White Plains, N. Y.—Plans are being prepared by Alfred Hopkins, Arch., 101 Park Ave., New York, for the construction of a county jail. The estimated cost is $350,000. Contracts will be awarded about Sept. 1.

Bayonne, N. J.—Bids will be received until 10 a.m., June 4, by the Board of Directors of the Hudson County Parental School, at the County Collector's Office, Court House, Jersey City, for the construction of the county parental school. Noted Mar. 18.

✚Cliffside Park, N. J.—(Cliffside post office)—The Board of Education has awarded the contract for the construction of a high school to the DE KIMPE CONSTRUCTION CO., West Hoboken, at $61,455. Noted Mar. 11, Apr. 22 and May 20.

Glen Ridge, N. J.—The Borough Council plans to construct a municipal building at Bloomfield and Ridgewood Ave. Estimated cost, $60,000.

✚Harrison, N. J.—The contract for the construction of a school at Fourth and Jersey St. for the Church of the Holy Cross, has been awarded to McEVOY BROS., Harrison. Estimated cost $90,000. Noted Mar. 18 and Apr. 15.

✚Hoboken, N. J.—The contract for the alterations to the Fellows Home at 412 Washington St. for Max Hurwitz, 316 Washington St. has been awarded to the GABLER CONSTRUCTION CO., 339 West 18th St., New York, N. Y. Estimated cost, $70,000.

✚Jersey City, N. J.—The contract for the construction of an addition to St. Joseph's Home for Blind on Pavonia Ave. has been awarded to M. T. CONNOLLY CONTRACTING CO., 238 17th St., Jersey City, at $134,697. Noted Mar. 11.

Jersey City, N. J.—Bids will be received about May 28 by John T. Rowland, Jr., Arch., 98 Sip Ave., for the construction of a four-story building at 138 Lembeck Ave. for St. Ann's Home for the Aged. The estimated cost is $75,000. Noted May 20.

✚Jersey City, N. J.—The contract for the construction of a school on Third St. for St. Mary's Church has been awarded to JOHN J. EGAN, at $107,700. Noted Apr. 22.

✚Millville, N. J.—The contract for the construction of a two-story, 120x160-ft. high school has been awarded to the BERRY GOODWIN CO., Philadelphia, Penn. Noted July 30, Sept. 10, 1914; Apr. 1, 15 and 22.

Morristown, N. J.—(Official)—Bids will be received about Aug. 1 by Guilbert & Betelle, Arch., 665 Broad St., Newark, for the construction of a high school. The estimated cost is $140,000. Noted Mar. 4 and May 20.

✚Northfield, N. J.—JOHN MATHIS & SONS, Atlantic City, has been awarded the contract for the construction of a tuberculosis hospital. The estimated cost is $40,000.

Passaic, N. J.—Alexander M. Taylor and Harry M. Hecht will construct a theater, having a seating capacity of 4000, at Lexington and Main Ave. The estimated cost is $250,000.

Paterson, N. J.—The Church of the Covenant contemplates the construction of a church at Broadway and 27th St. Estimated cost, $50,000. Peter Quackenbush, 190 Main St., is Pres. of Consistory.

Princeton, N. J.—Bids are being received by the Building Committee of Princeton University for the construction of the Commons Dining Halls. The estimated cost is $450,000. Day & Klauber, Philadelphia, Penn., is Arch. Noted Apr. 22.

Rutherford, N. J.—The Board of Education contemplates the construction of a two-story high school on Passaic Ave. Estimated cost, $115,000. W. W. Rich is Pres., Bd. of Education.

Allentown, Penn.—See item under "Miscellaneous."

Greensburg, Penn.—A hospital, to be known as the Seton Hill Hospital and managed by the Sisters of Charity, will be constructed at Greensburg. The estimated cost is $250,000. Thomas H. Strickler, Pittsburgh, is interested.

Lehighton, Penn.—The citizens voted in favor of issuing $100,000 in bonds for the construction of a high school. Noted Apr. 8.

Mahonington, Penn.—Bids will be received until June 8 by the Secretary of the Board of Education for the construction of a school. The estimated cost is $70,000. H. M. Wirsing is Arch.

Philadelphia, Penn.—Plans are being prepared by John J. Kennedy, Arch., Wilmington, Del., for the construction of a school for the Church of Our Mother of Consolation at Chestnut Hill. The estimated cost is $80,000.

Philadelphia, Penn.—Plans are being prepared for the construction of an eight-story, 37x144-ft. building at 831-835 Cherry St. for William Linker, Heed Bldg.

Philadelphia, Penn.—The Philadelphia Life Insurance Co. has purchased a site at 111 North Broad St. The company plans to construct a five-story office building.

✚Scranton, Penn.—F. D. HYDE, 90 West St., New York, N. Y., has been awarded the contract for the excavation work on an eight-story building for the Scranton Life Insurance Co., Connell Bldg. The entire building will cost about $400,000. Noted Feb. 11 and Mar. 18.

✚Wilkinsburg, Penn.—(Official)—The contract for the construction of a passenger station at Hay St. and Ross Ave. for the Pennsylvania R.R. has been awarded to IRWIN & LEIGHTON, 126 North 12th St., Philadelphia. Alex C. Shand, Philadelphia, is Ch. Engr. The estimated cost is $125,000. Noted May 20.

Baltimore, Md.—(Official)—The Council has decided not to appropriate $125,000 for the construction of a school in the 14th Ward. Henry R. Davis is Supervisor. Noted May 20.

Baltimore, Md.—The Board of Trustees of the Union Protestant Infirmary, Division St., plans to construct hospital buildings on Charles St., Homewood. The estimated cost is between $300,000 and $400,000. J. M. T. Finney and J. C. Bloodgood are interested.

✚Fairmont, W. Va.—The contract for the construction of a three-story building at the State Normal School has been awarded to J. L. CROUSE, Greensboro, N. C. Estimated cost, $125,000. Noted Feb. 25 and May 13.

Wheeling, W. Va.—Plans have been prepared by Fred Faris, Arch., for the construction of the Scottish Rite Cathedral. The estimated cost is $225,000.

✚Hartsville, S. C.—The contract for the construction of a three-story building for the Coker College has been awarded to J. M. LAWTON, at about $100,000. Noted Apr. 29.

Rockhill, S. C.—Contracts will soon be awarded for the construction of a gymnasium for Winthrop College. The estimated cost is $60,000. D. B. Johnson is Pres.

Alliance, Ohio—Plans have been prepared by W. W. Matchett, Arch., 537 East Main St., for the construction of a three-story theater and store building for Parthe Bros., East Main St. Estimated cost, $50,000. Noted Apr. 1.

Chillicothe, Ohio—Bids will be received until June 3 by the Board of Education for the construction of a school with a gymnasium. The estimated cost is $60,000. Ritter & Bates, Portsmouth, is Arch.

Cincinnati, Ohio—The Cincinnati & Suburban Bell Telephone Co. plans the construction of an exchange buildng at Woodburn Ave. and Locust St. Estimated cost, $40,000.

Cincinnati, Ohio—Garber & Woodward, Arch., Union Central Bldg., is preparing plans for the construction of a temple at McMillan and Grandview St. for the New Thought Congregation of Cincinnati.

Cleveland, Ohio—Bids will be received until noon, June 14, by the Clerk of the Board of Education, for the construction of an addition to the architect's office, School Headquarters, Rockwell Ave. and East Sixth St., and for alterations to the Central High School, East 55th St. near Cedar Ave. W. R. McCormack is Arch., Bd. of Education, and Frank G. Hogen is Dir. of Schools. Noted Mar. 11 and May 6.

Ironton, Ohio—The Masons plan to construct a four- or six-story Masonic Temple to replace the one destroyed by fire. Estimated cost, $100,000. Fred J. Horschel is in charge of the work.

Lakewood, Ohio—The Lakewood Congregational Church plans to construct a church to cost about $50,000. Clayton W. Tyler, Mayor, is interested. Noted Aug. 13.

Marion, Ohio—J. Lewis Ellis, Arch., is preparing plans for the construction of a three-story fireproof building at Orchard and West Center St. for the Independent Order of Odd Fellows. Estimated cost, $50,000.

New Paris, Ohio—F. L. Packard, Arch., New Hayden Bldg., Columbus, is preparing plans for the construction of a school at New Paris. Estimated cost, $50,000.

Toledo, Ohio—Bids will be received until noon, June 14, by the Clerk of the Board of Education, for the construction of additions and alterations to the Chase School at Chase and Bassett St. and to the Wayne School, at Wayne and Ralph St. Edwin M. Gee is Arch., Bd. of Education.

Woodsfield, Ohio—Plans have been prepared by Howard & Merriman, Arch., 8 East Broad St., Columbus, for the construction of a school. Estimated cost, $50,000. Noted May 13.

Zanesville, Ohio—(Official)—At an election held May 11 the citizens defeated the question of issuing $300,000 in bonds for the construction of a city hall and market. F. H. Bolin is Audr. Noted Dec. 24 and Apr. 22.

✚East Chicago, Ind.—The Board of Education has awarded the contract for the construction of the McKinley School to JOHN W. REID, Hammond, at $52,194. J. T. Hutton & Son, 314 Hammond Bldg., Hammond, is Arch.

Franklin, Ind.—(Official)—The date for receiving bids for the construction of a State Masonic Home for the Grand Masonic Lodge of Indiana has been extended to about June 15. Herbert W. Foltz, Indiana Pythian Bldg., Indianapolis, is Arch. Noted Sept. 3 and May 6.

✚Indianapolis, Ind.—The contract for the construction of an apartment house on Meridian St. for the Balmoral Court Co. has been awarded to the BUILDERS REAL ESTATE CO., Indianapolis. Estimated cost, $100,000.

Detroit, Mich.—The Great Lakes Realty & Building Co. plans to construct a 20-story office building at Michigan Ave. and Washington Blvd. John R. Nostrand is Secy.

Detroit, Mich.—The Gray Estate Co. plans to construct a 19-story building on the Washington Blvd. Only two stories will be constructed at present which will cost about $75,000.

Marquette, Mich.—An election will be held June 1 to vote on the question of issuing $140,000 in bonds, the proceeds of which will be used for the construction of a high school.

Muskegon, Mich.—(Official)—The construction of a high school, estimated to cost $200,000, has been postponed. It will probably be built in about a year. Robinson & Campan, 449 Houseman Bldg., Grand Rapids, is Arch. Noted May 13.

Chicago, Ill.—James Coupland, 7158 Luella Ave., Chicago, plans to construct an apartment house at 46th St., between Greenwood and Woodlawn Ave. The estimated cost is $250,000.

Chicago, Ill.—Bids will be received about June 1 by Ralph C. Harris, Arch., Stock Exchange Bldg., for the construction of a two-story theater, store and office building at 5746-52 Prairie Ave. for the Prairie Amusement Co. The estimated cost is $70,000. Noted Sept. 17 and May 13.

Chicago, Ill.—The International Tailoring Co., 212 South Market St., plans to construct a ten-story, fireproof building at Jackson Blvd. and Peoria St. The cost is about $250,000.

Chicago, Ill.—Joseph M. Browarsky, 30 North La Salle St., has purchased a site at 69th St. and Stony Island Ave. upon which will be constructed a theater, store and apartment building. The estimated cost is $120,000.

Peoria, Ill. The Peoria Society of Allied Arts contemplates the construction of a two-story art gallery and auditorium. The estimated cost is between $150,000 and $200,000. Warren W. Day, Arch., 527 Main St., has prepared the plans.

Rock Island, Ill.—(Official)—Bids will be received until June 3 by H. B. Hubbard, County Clk., Rock Island, for the construction of the Rock Island County Jail. The estimated cost is $75,000. C. D. McLane, 301 Robinson Bldg., is Arch. Noted Mar. 4, Apr. 29 and May 13.

Milwaukee, Wis.—An ordinance providing for an issue of $720,000 in bonds has been passed by the City Council. The proceeds will be used for school improvements.

Milwaukee, Wis.—The Milwaukee Athletic Club plans to construct a clubhouse, estimated to cost $500,000. Willis E. Keats is Secy.

Milwaukee, Wis.—The Congregation of Temple Emanu-El plans the construction of a temple at Hackett Ave. near Belleview Pl. Estimated cost, $100,000.

Milwaukee, Wis.—R. A. Messmer & Bro., Arch., 1004 Majestic Bldg., is preparing plans for the construction of a three-story building at 1075 Third St. for the Moritz Arndt Lodge, I. O. O. F. Estimated cost, $45,000.

Stevens Point, Wis.—(Official)—Bids will be received about July 19 for the construction of a three-story dormitory for women at the Stevens Point Normal School. Van Ryn & De Gelleke, 726 Caswell Blk., Milwaukee, is Arch. Noted Jan. 14 and May 13.

Mason City, Iowa—An election will be held June 5 to vote on the question of issuing $300,000 in bonds, the proceeds of which will be used for the construction of a high school.

Primghar, Iowa—(Official)—Bids will be received until June 15 by J. B. Stamp, County Audr., for the construction of a courthouse for O'Brien County. The estimated cost is $150,000. Noted Apr. 1.

Crosby, Minn.—Edward F. Broomhall, Arch., 710 Alworth Bldg., is preparing plans for the construction of a high school which will be built in two units. The estmated cost of the first unit is $100,000. Noted Mar. 11 and Apr. 22.

Minneapolis, Minn.—Bids will be received about June 1 by the Board of Education for the construction of a four-story addition to the South High School. The estimated cost is $250,000. Stebbins & Haxby, 445 Auditorium Bldg., is Arch.

Grand Forks, N. D.—The Y. M. C. A. contemplates the construction of an addition to its building. Estimated cost, $40,000.

Butte, Mont.—The County Commissioners have decided to hold an election to vote on the question of issuing $85,000 in bonds. The proceeds will be used for improving and completing the county jail.

St. Joseph, Mo.—Eckel & Aldrich, Arch., Forsee-Corby Bldg., is preparing plans for the construction of a grade school, to cost about $60,000.

Warrensburg, Mo.—Bids will soon be received by Smith, Rea & Lovitt, Arch., 602 Finance Bldg., Kansas City, for the construction of a building at the State Normal School. The estimated cost is $50,000. The buildings at the State Normal School which were destroyed by fire will be rebuilt. The legislature has appropriated $300,000 for the purpose.

Austin, Tex.—The Legislature has passed a bill appropriating $300,000 to be used for the construction of a State School for the Blind.

Dallas, Tex.—Guidera & Bell, 1608 Main St., plans to construct a four-story hotel at Houston and Jackson St. The estimated cost is $50,000.

Ft. Worth, Tex.—The Knights of Pythias of Texas plan the construction of a temple at Ft. Worth. Estimated cost, $300,000. James Stephens is Vice-Pres. and J. A. Oldfather, Cleburne, is Secy.

San Angelo, Tex.—Bids will soon be received by Ross & Cason, Arch., Waco, for the construction of a three-story high school. The estimated cost is $65,000. Noted Mar. 11, Apr. 8 and 22.

San Antonio, Tex.—The City Council has granted a franchise to the San Antonio Belt & Terminal Ry Co., a subsidiary of the Missouri, Kansas & Texas Ry. Co., granting permission to construct terminals, stations and cross the streets of San Antonio. The company will expend about $1,200,000 for the construction of terminals.

Perry, Okla.—(Official)—Bids will be received until June 1 by W. T. Faris, County Clk., for the construction of a courthouse, to cost about $100,000. Noted Apr. 29.

Colorado Springs, Colo.—Plans have been prepared by MacLaren & Thomas, Arch., for the construction of a hospital at the Modern Woodmen Sanitarium. Estimated cost, $50,000. J. A. Rutledge is Supt. Noted Feb. 25 and Apr. 22.

Denver, Colo.—(Official)—At an election held May 18 the citizens defeated the question of issuing bonds for the construction of a municipal building. Walter L. Rice, City Hall, is Ch. of Bldg. Dept. Noted Apr. 8 and 29.

Salt Lake City, Utah—Samuel Newhouse and associates plan to construct a 28-story building near the Newhouse Hotel. The estimated cost is $1,500,000. Samuel Untermyer, 37 Wall St., New York, N. Y., is interested.

Tucson, Ariz.—Plans have been prepared by Trost & Trost, Arch., Mills Bldg., El Paso, Tex., for the construction of a two-story Scottish Rite Cathedral. The estimated cost is $100,000.

Bellingham, Wash.—An election will be held June 5 to vote on the question of issuing $95,000 in bonds. The proceeds will be used for the construction of an addition to the high school and other school improvements.

Seattle, Wash.—(Official)—Bids will be received about Aug. 1 by the Board of Regents, University of Washington, for the construction of the first unit of a two-story building. Estimated cost, $150,000. Bebb & Gould, Denny Bldg., is Arch. Noted May 6.

Walla Walla, Wash.—Bids were received by the County Commissioners of Walla Walla County for the construction of a courthouse. M. J. Hurson Co., Globe Bldg., Seattle, was the lowest bidder, using Boise stone, at $137,750, and using terra cotta at $132,750. Other bids using Boise stone were: J. B. Sweatt & Co., Spokane, $139,500; Finne & Gjarde, Seattle, $141,940; J. J. Lohrenz, Spokane, $142,265; John T. Huetter, Spokane, $143,850; T. H. Tillman & Co., Portland, Ore., $143,960; Boyajohn-Arnold Co., Portland, Ore., $144,000; Sound Construction & Engineering Co., Seattle, $144,574; C. L. Creelman, Tacoma, $144,912; Hans Pederson, Seattle, $145,000; S. G. Morin, Spokane, $146,989; J. A. McLean, Walla Walla, $147,515; F. E. Peterson, Walla Walla, $148,023; Litherland & Abrey, Portland, Ore., $148,900; Olson & Johnson, Missoula, Mont., $149,695; McRae Bros., Seattle, $149,700; Pearson Construction Co., Seattle, $149,900; Sylliaasen & Sando, Seattle, $149,997; Alloway & George, Spokane, $150,280; Bailey & Lambert, Walla Walla, $150,490; Butler Contracting Co., Seattle, $150,500; Beers Building Co., Portland, Ore., $151,700; Pacific States Construction Co., Seattle, $159,000; E. J. Rounds Construction Co., Seattle, $159,000; Booker-Keihl & Whipple, Seattle, $159,832. The three lowest bidders using the following materials, Tenino stone (a), Wilkeson sandstone (b), Indiana sandstone (c), and terra cotta (d), were: M. J. Hurson Co., Globe Bldg., Seattle, (a) $136,750, (b) $152,750, (c) $143,750, (d) $132,750; J. B. Sweatt & Co., Spokane, (a) $134,500, (b) $149,900, (c) $141,800, (d) $132,800; Finne & Gjarde, Seattle, (a) $137,408, (b) $150,745, (c) $144,231, (d) $144,231. Noted Jan. 7 and 28, Mar. 11 and Apr. 15.

Grants Pass, Ore.—All bids received May 5 for the construction of a three-story courthouse have been rejected by the County Commissioners. New bids will be received in the fall. John Almeter, at $62,253, submitted the lowest bid. Noted Mar. 4 and 25, and Apr. 29.

Portland, Ore.—Bids will soon be received by Lawrence & Holford, Arch., 1021 Chamber of Commerce Bldg., for the construction of a 2½-story, 150x200-ft. clubhouse for the Irvington Tennis Club, East 21st and Thompson St. Noted Apr. 22.

Chico, Calif.—M. Schott plans to construct a concrete building at 710 Main St. which will cost about $50,000.

Los Angeles, Calif.—Parkinson & Bergstrum, Arch., Security Bldg., is preparing plans for the construction of a bank and office building on Spring St. for the Security National Bank, Fourth St. and Broadway.

✚Norwalk, Calif.—W. F. McClure, State Engr., 625 Forum Bldg., Sacramento, has awarded the contract for the construction of a group of buildings for the Norwalk State Hospital for the Insane, to E. L. BERGEN & SON, San Francisco, at $114,872. Noted July 23, Aug. 6, Apr. 8 and 22 and May 20.

Owensmouth, Calif.—Bids will soon be received for the construction of a two-story high school. The estimated cost is $75,000. Dennis & Hewitt, 618 Fay Bldg., Los Angeles, is Arch. Noted Nov. 26, under Los Angeles, Calif., Dec. 24 and Mar. 11.

✚San Fernando, Calif.—JOHN MULDER, 143 Rose St., Los Angeles, at $51,710, has been awarded the contract for the construction of an auditorium and mechanical arts building at the San Fernando Union High School. GEORGE C. CONDON, Wesley Roberts Bldg., Los Angeles, at $42,800, has been awarded the contract for the science building in the same group of high school buildings. John C. Austin, Baker-Detwiler Bldg., Los Angeles, is Arch. Noted Oct. 29, Mar. 11 and Apr. 22.

✚San Francisco, Calif.—The PACIFIC ROLLING MILLS CO., at $85,433, has been awarded the contract for the steel frame of the public library. The estimated cost of the building complete is $1,000,000. Noted Oct. 1.

San Francisco, Calif.—Preliminary plans have been prepared by Reid Bros., Arch., California Pacific Bldg., for the construction of an eight- or ten-story Class "A" store and office building for Hulett C. Merritt, 702 South Spring St., Los Angeles. The cost is estimated at $500,000.

San Francisco, Calif.—The Metropolis Investment Co. will construct a five-story apartment house on Ellis near Leavenworth St. Estimated cost, $100,000. O. R. Thayer is Arch.

San Francisco, Calif.—The Board of Public Works plans to construct a Juvenile Detention Home on Otis St. The estimated cost is $150,000. Louis C. Mullyardt, Chronicle Bldg., is Arch.

✚San Jose, Calif.—The contract for the construction of a three-story Y. W. C. A. building has been awarded to MORRISON BROS., at $66,030. Julia Morgan, San Francisco, is Arch. Noted May 20.

Whittier, Calif.—The State Legislature is considering a bill appropriating $75,000 which will be used for the construction of buildings at the State Reform School at Whittier.

The Jeffrey Mfg. Co., Columbus, Ohio, announces the removal of its New York branch to 50 Dey St., near the Hudson Terminal. The company will carry in New York a stock of power transmission machinery, including shafting, hangers, pulleys, collars, couplings, elevating and conveying appliances, including sprocket wheels, steel elevator buckets, elevator boots, and screw conveyors. George H. Mueller, Asst. Sales Mgr. of the company, is in charge of the New York office.

The Contractors' Service Co., 50 Church St., New York, N. Y., is in the market for 45 flat cars, 25- to 30-tons capacity, with steel underframes, not less than 32 ft. long. Eastern delivery is preferred.